

Fig. 1

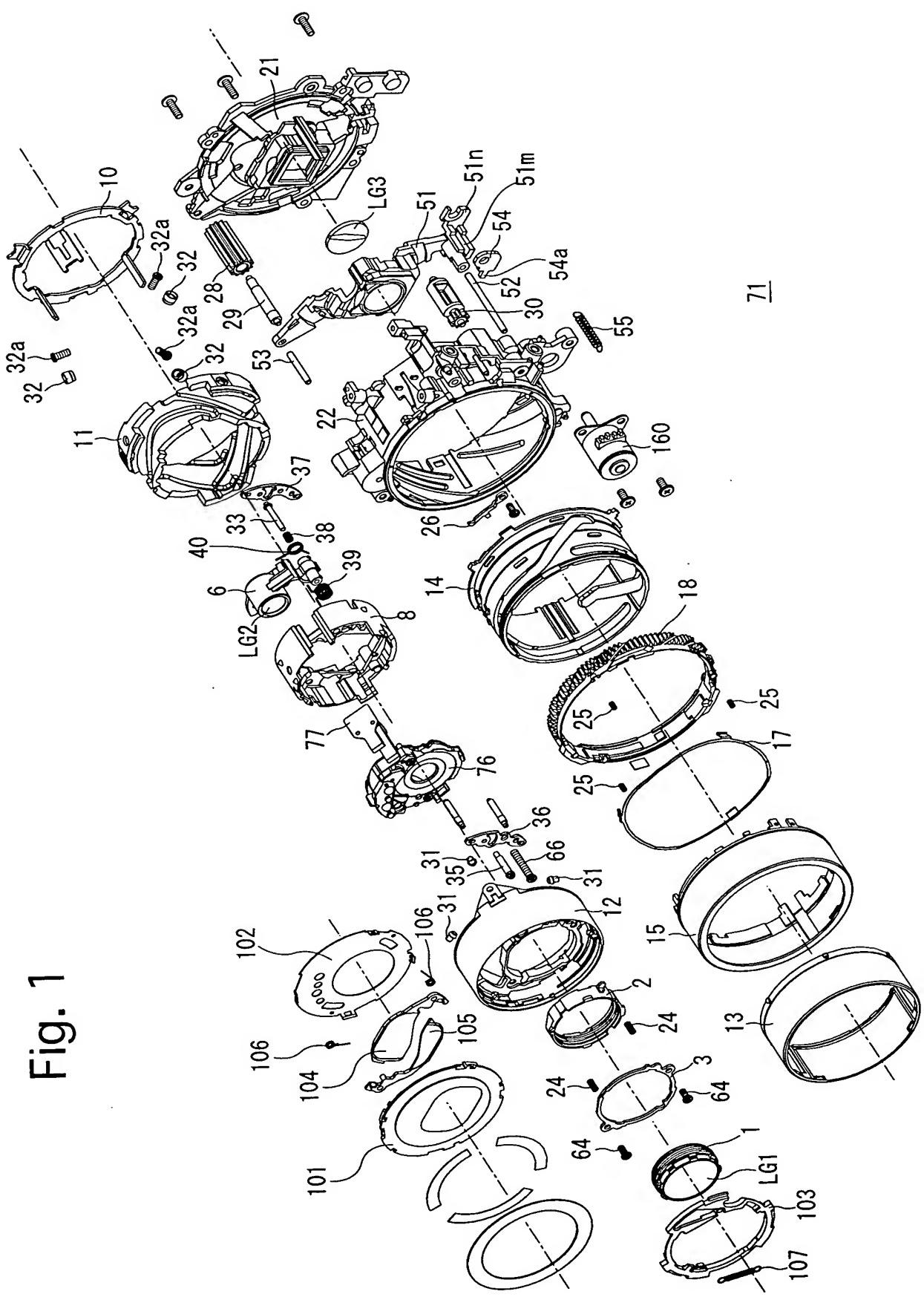


Fig. 2

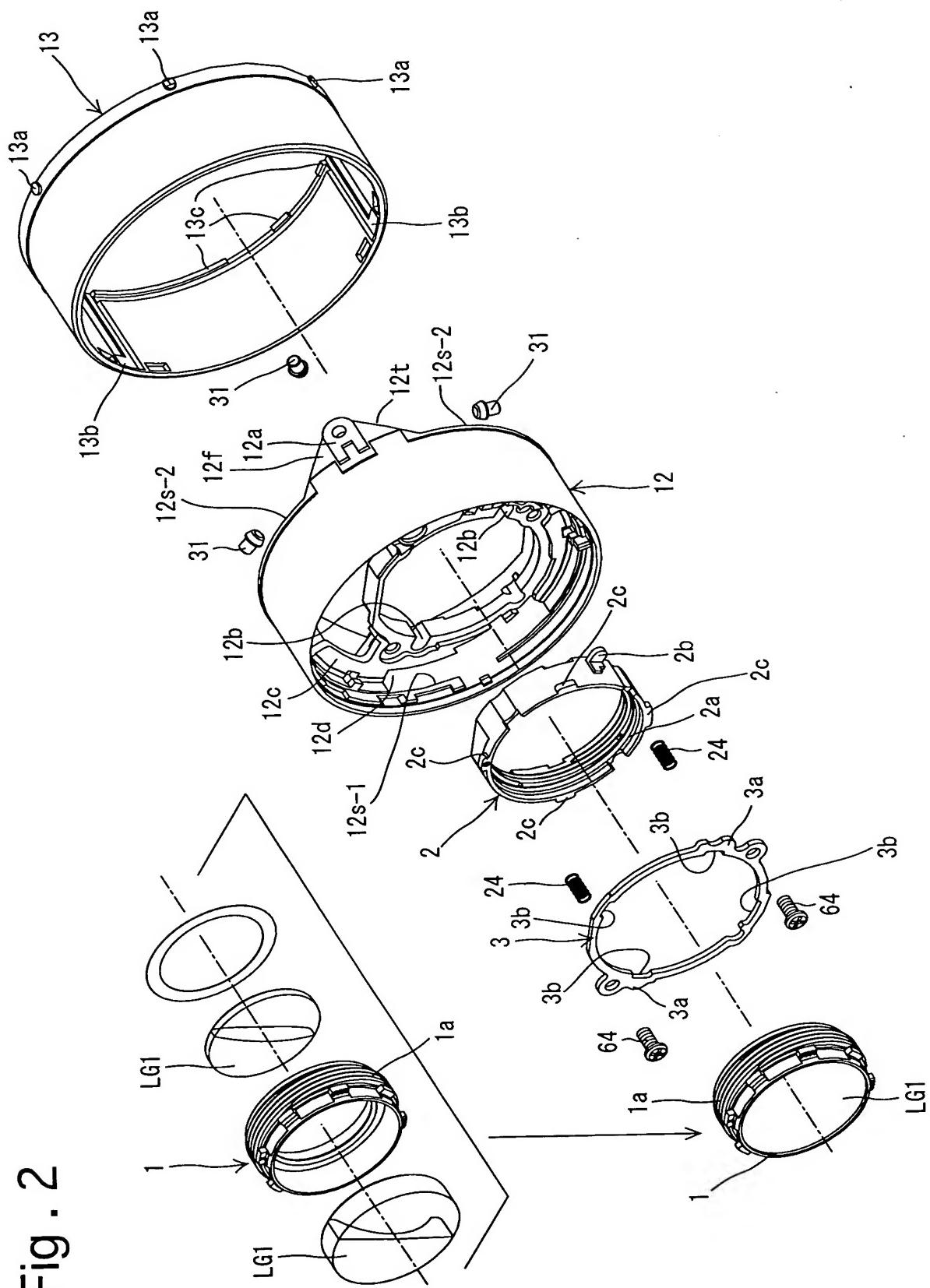


Fig . 3

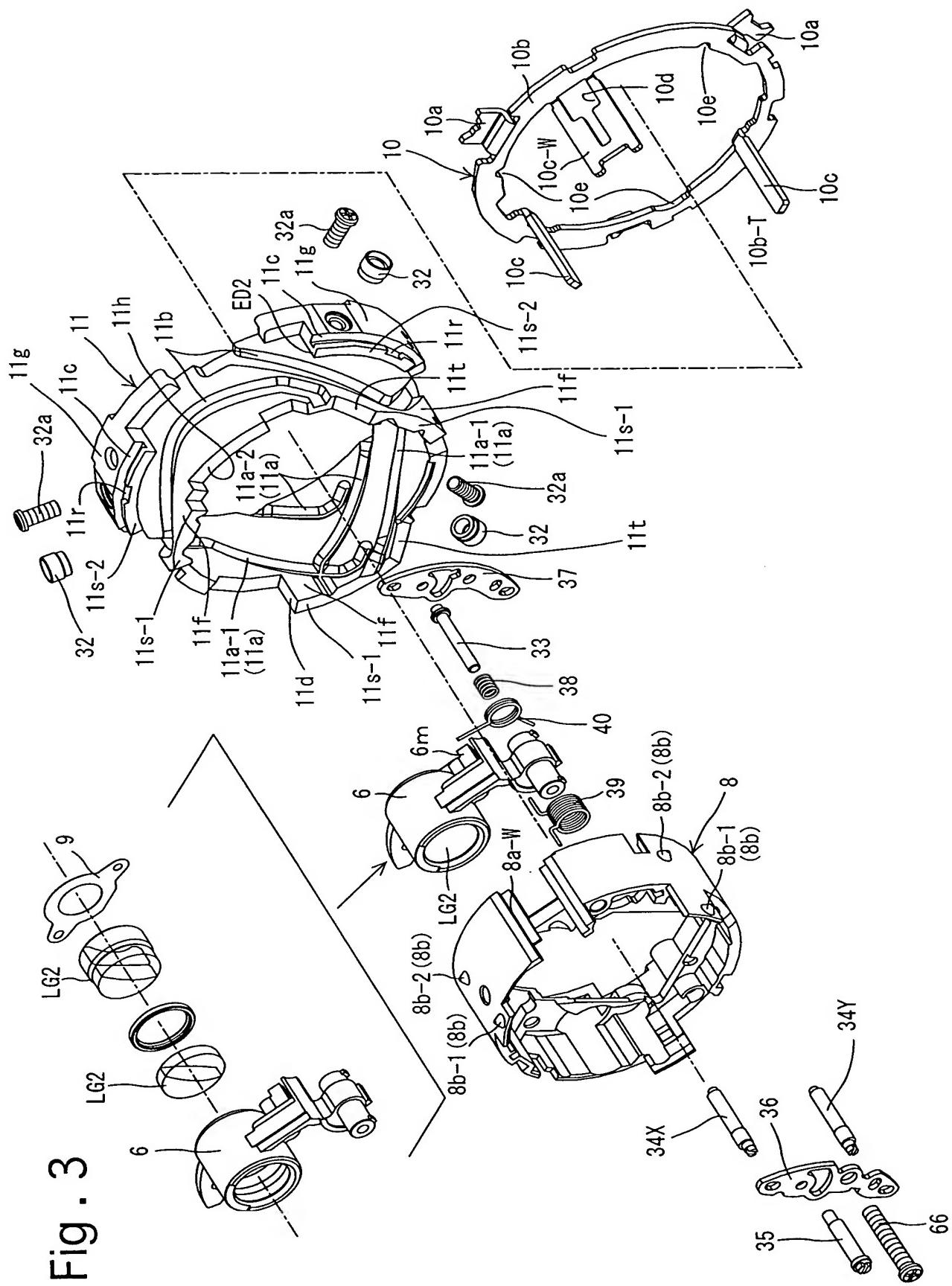


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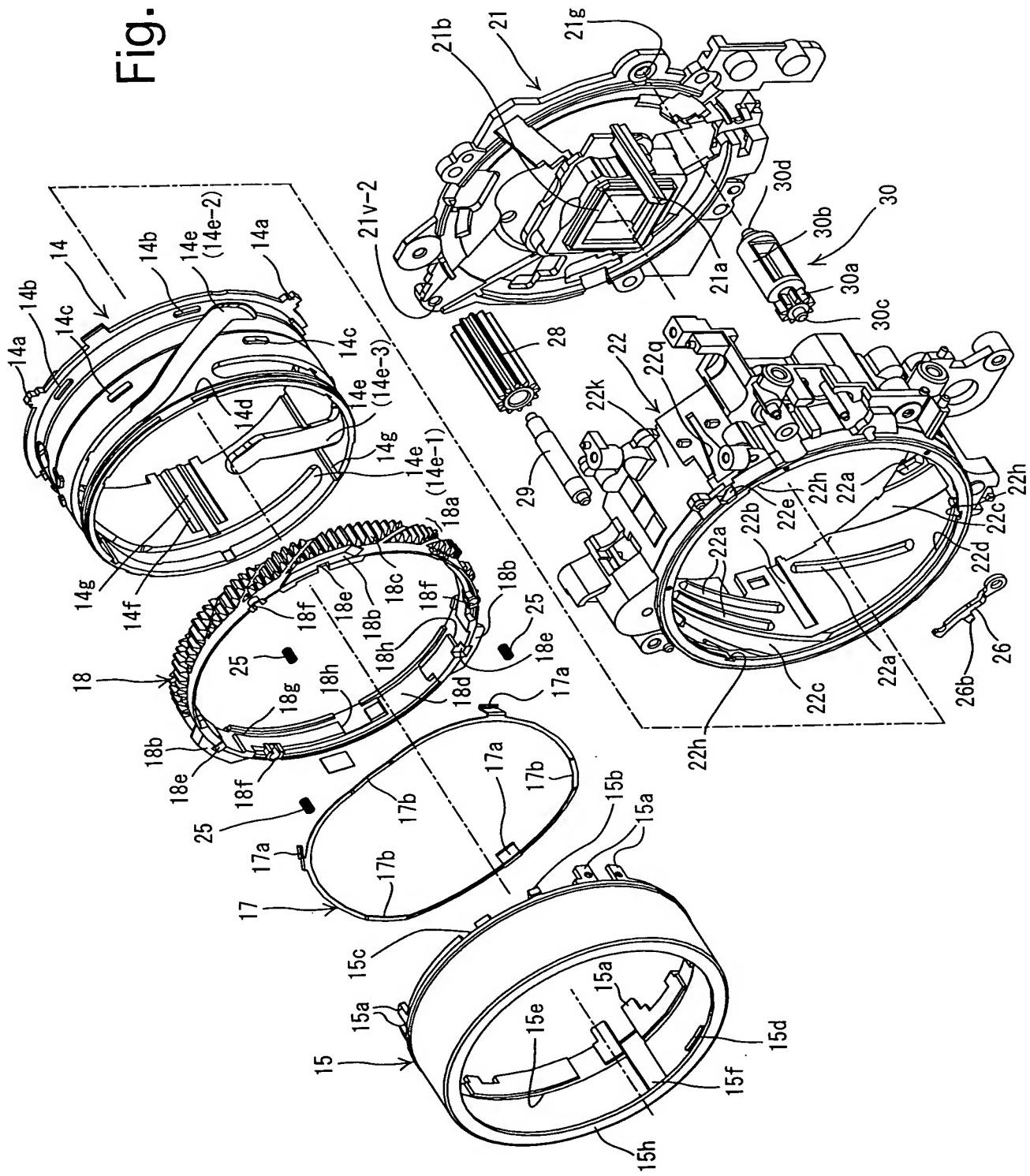


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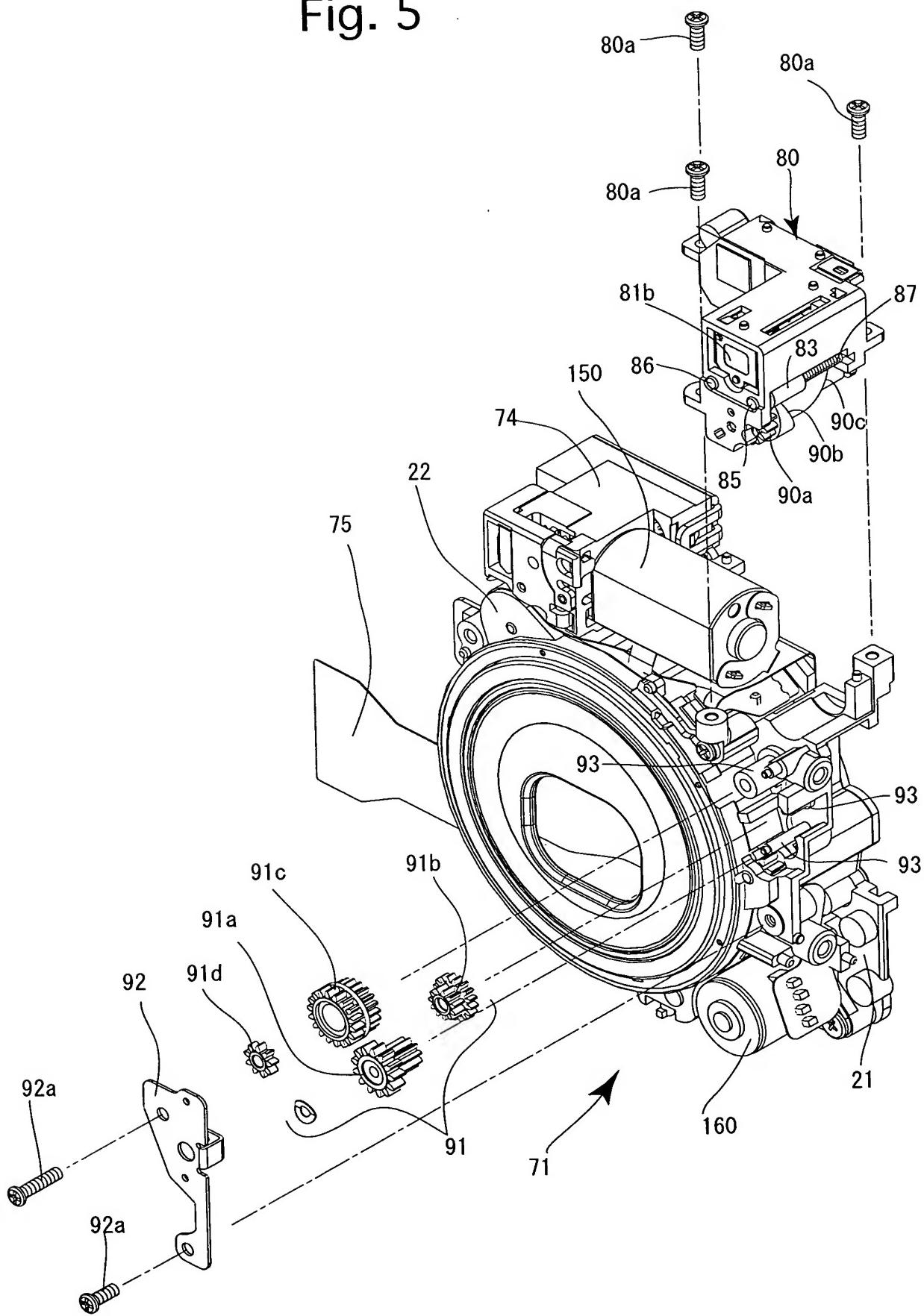


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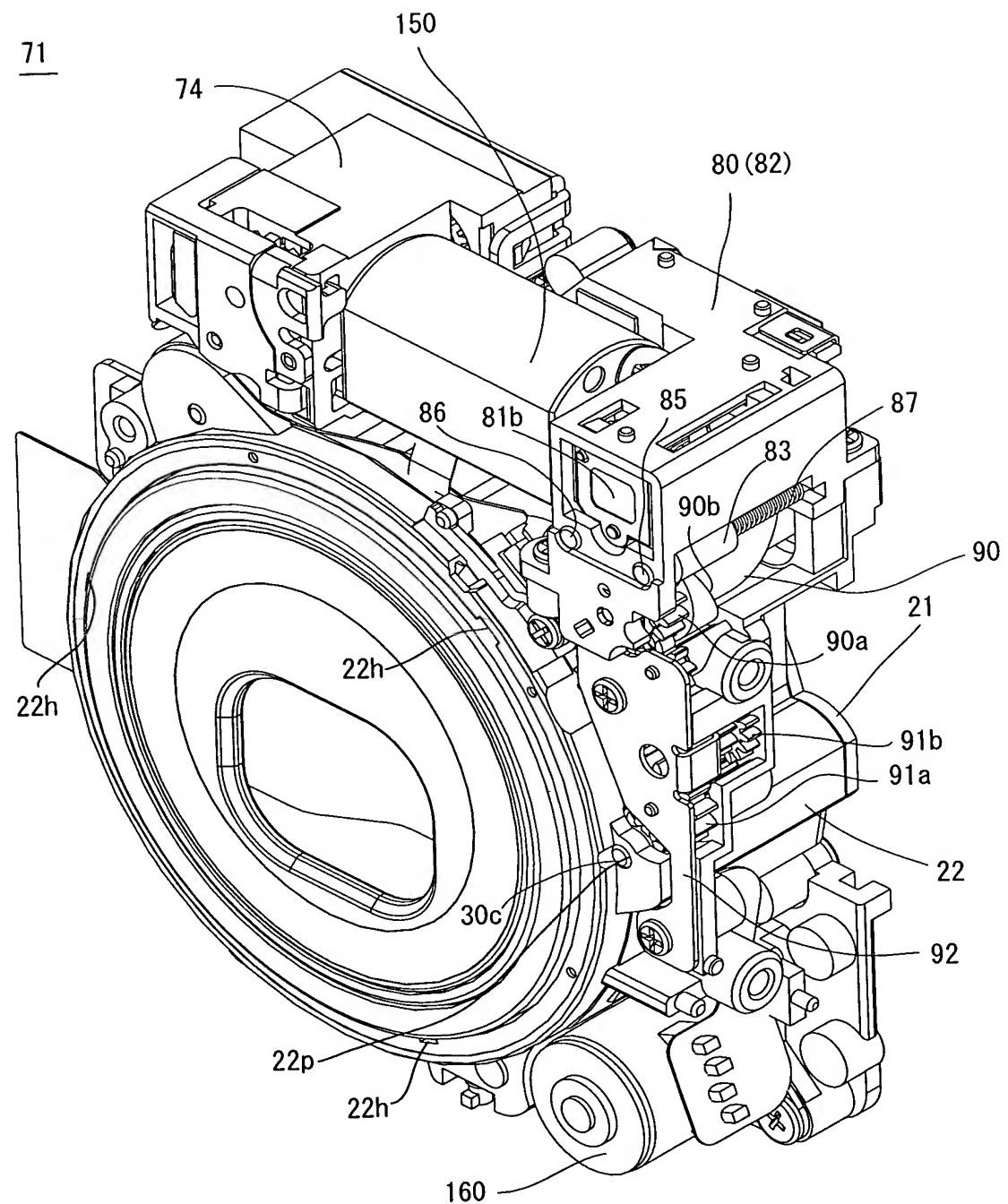


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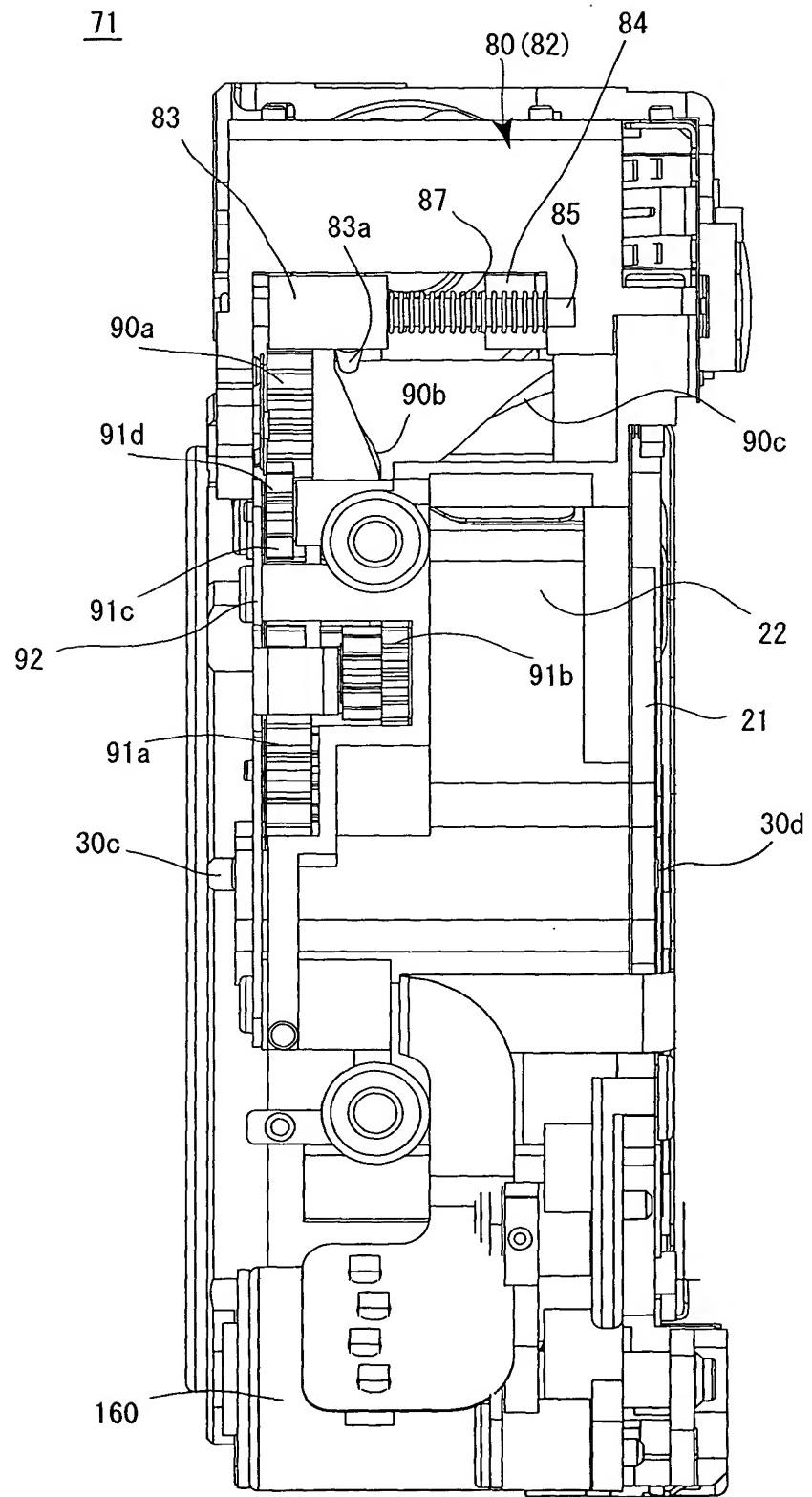


Fig. 8

71

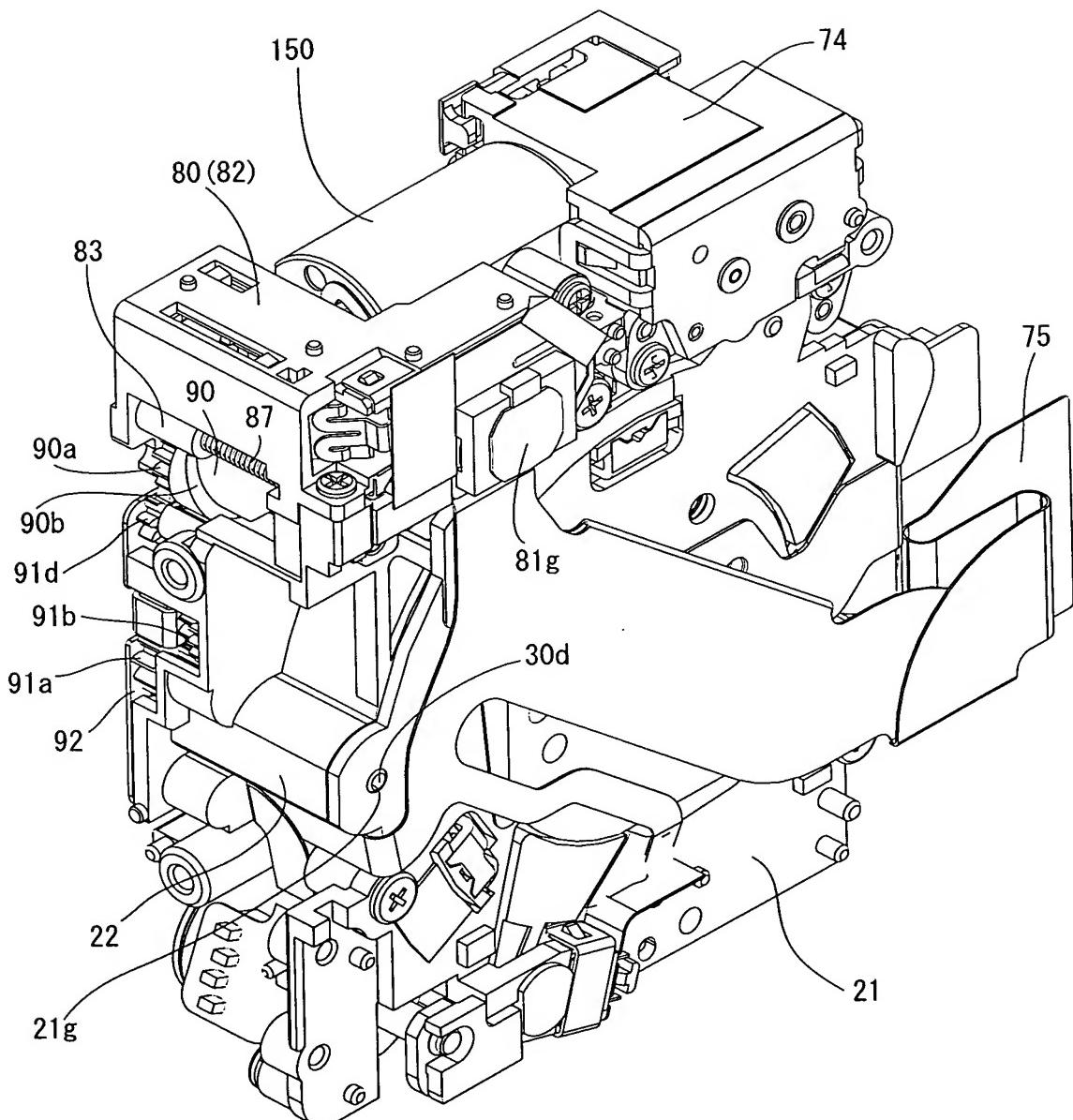


Fig. 9

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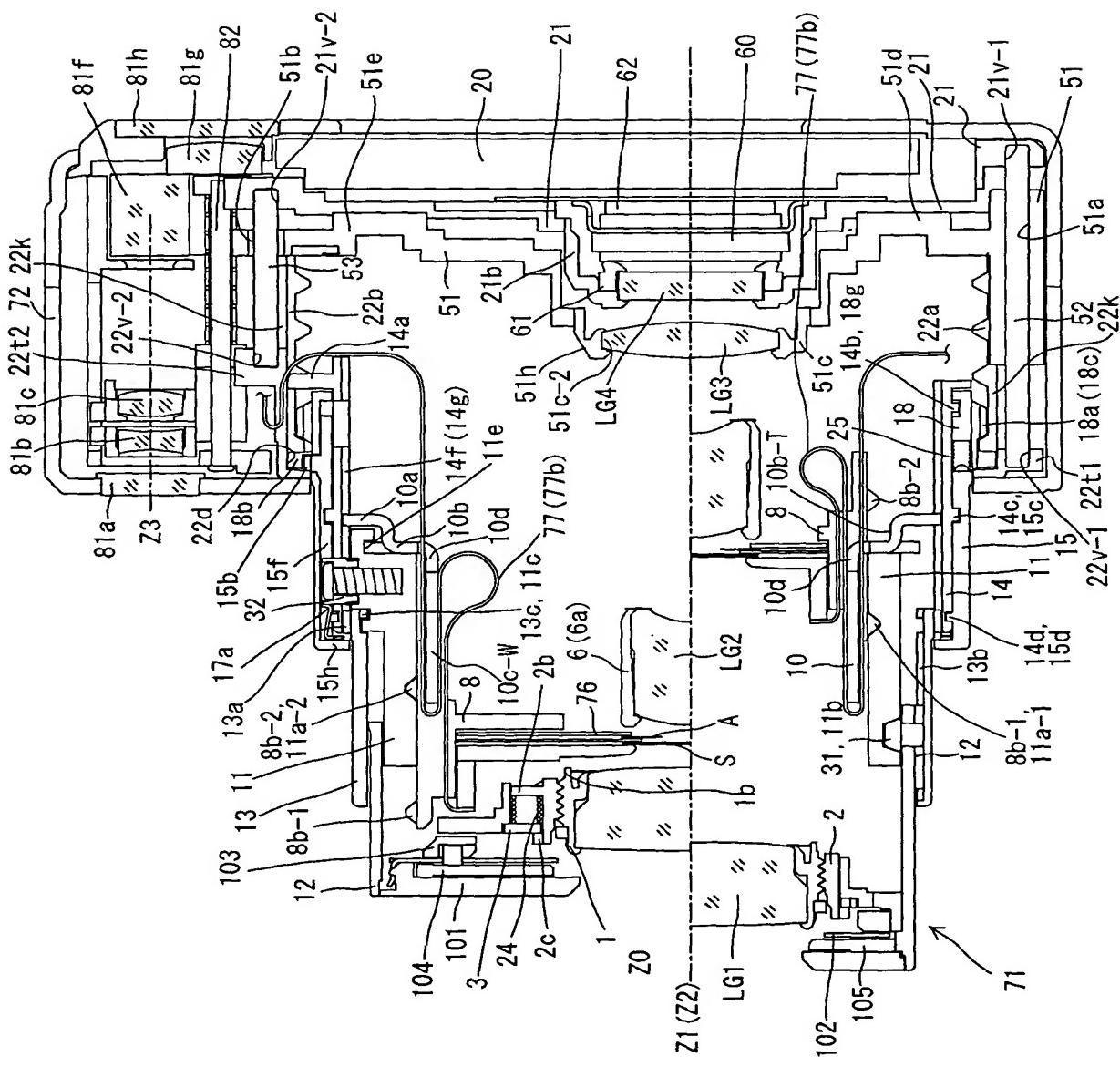


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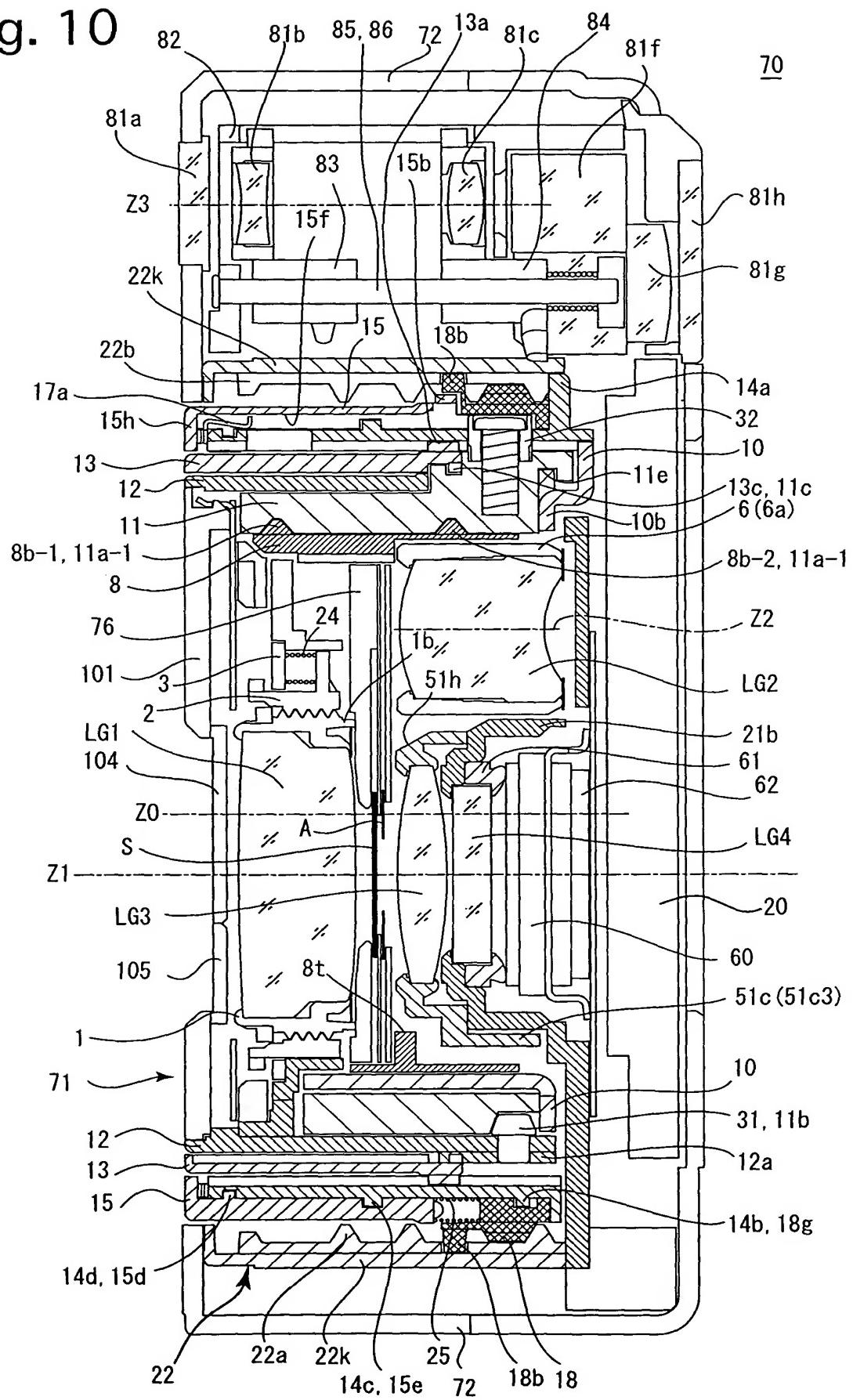


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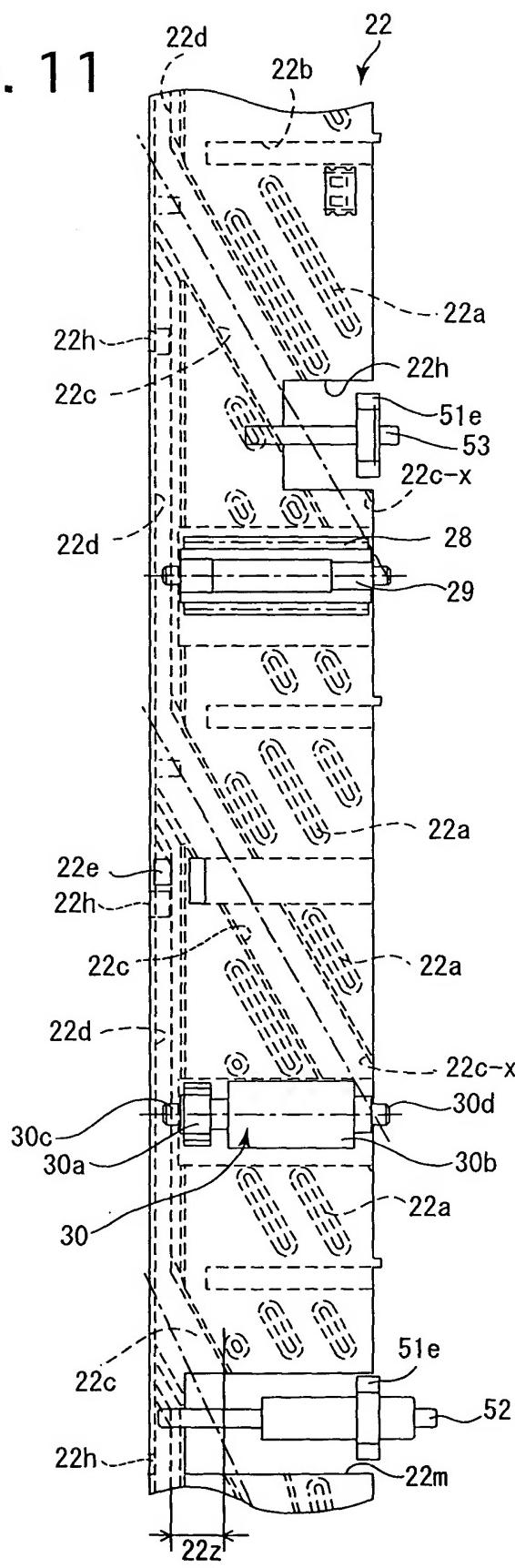


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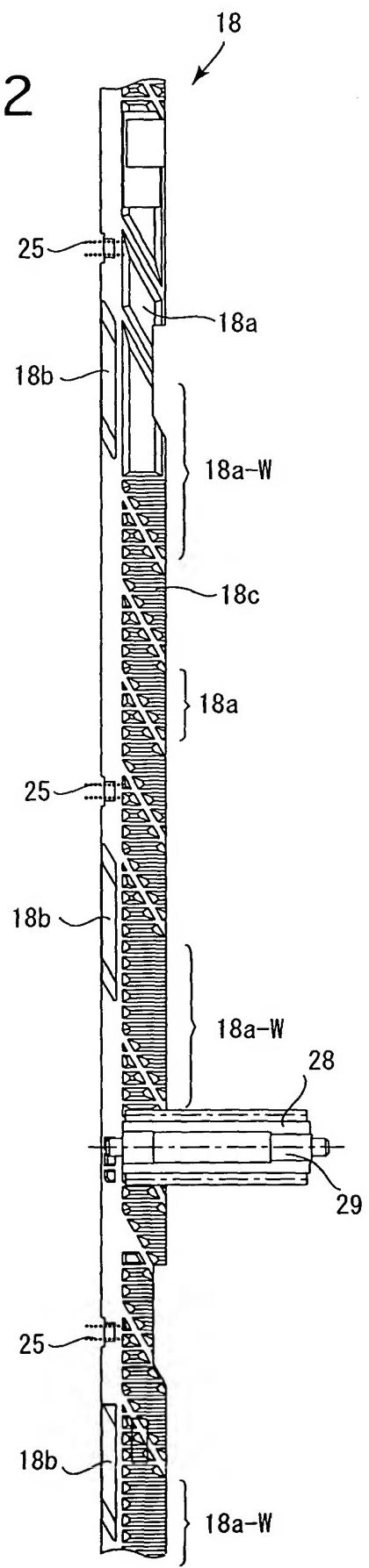


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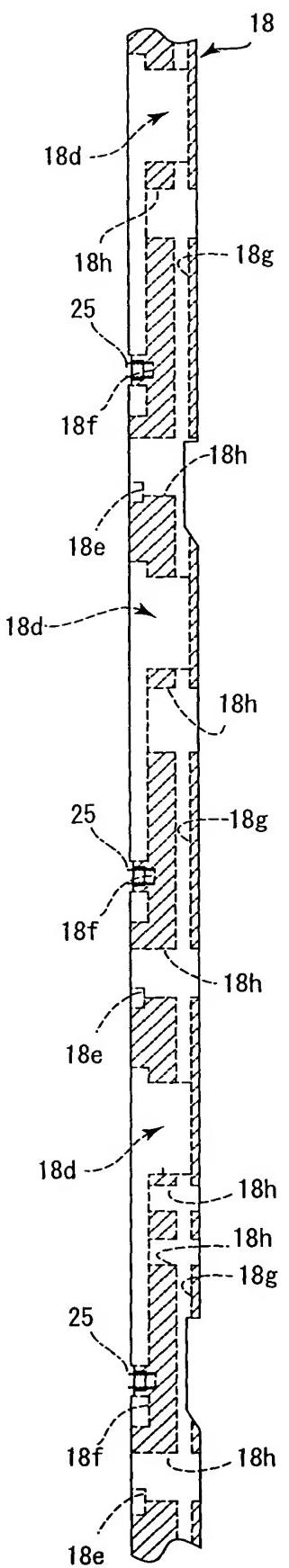


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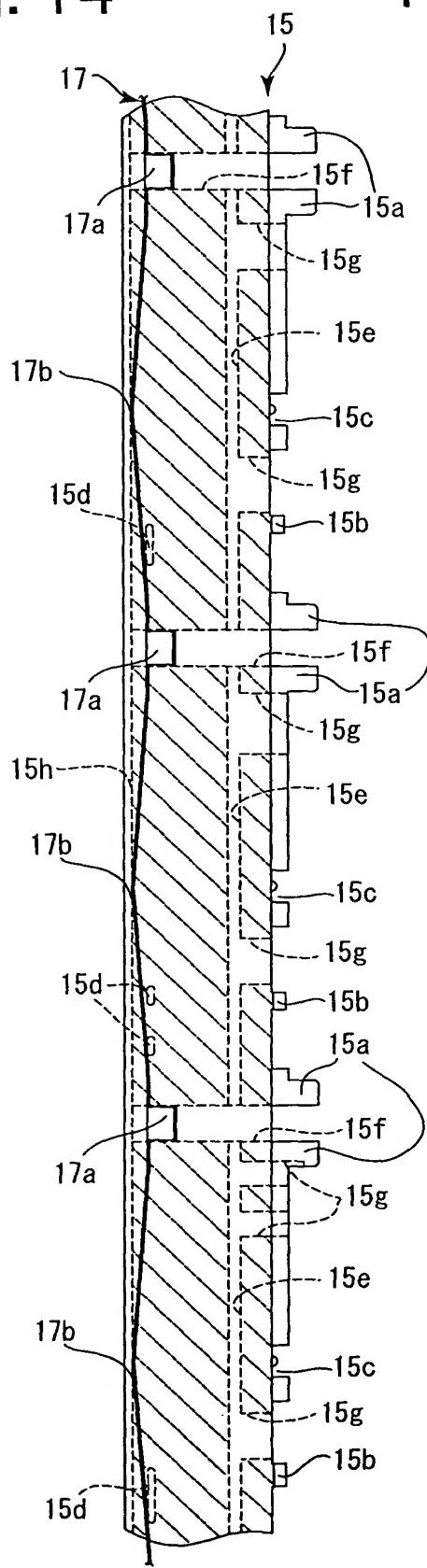


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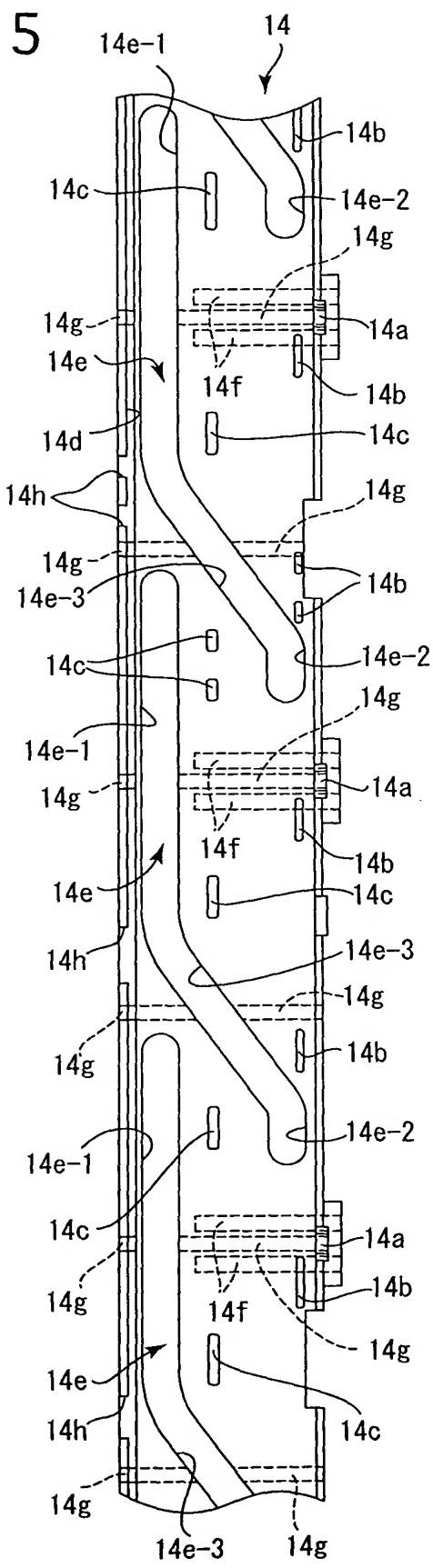


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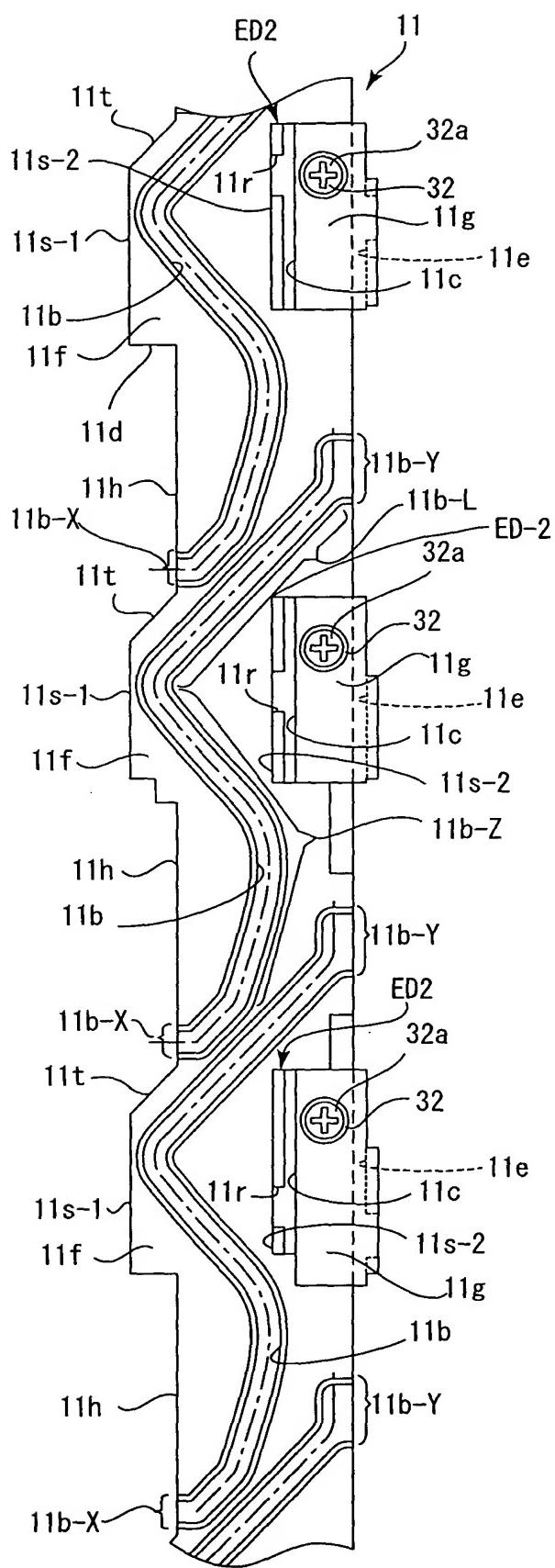


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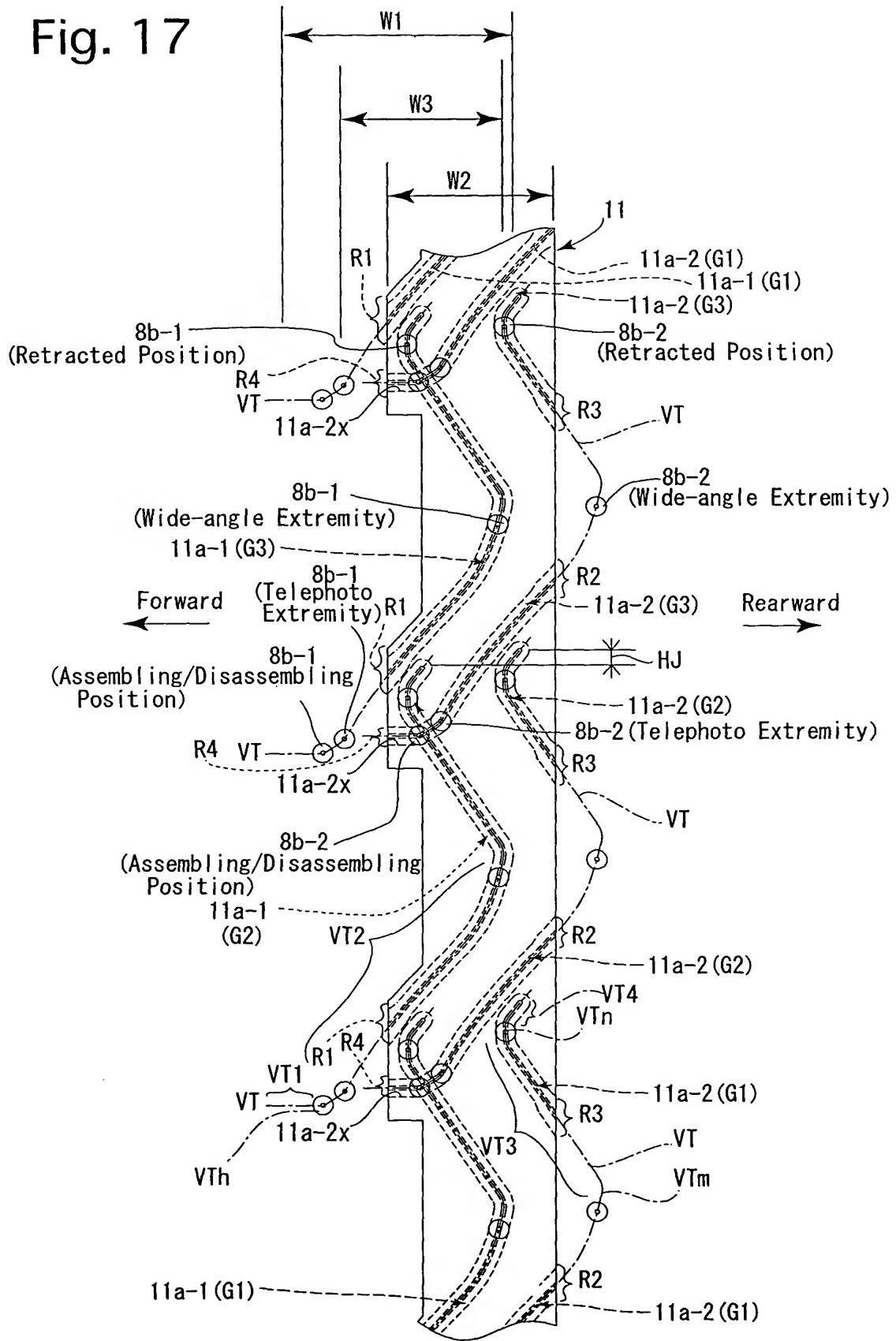


Fig . 19

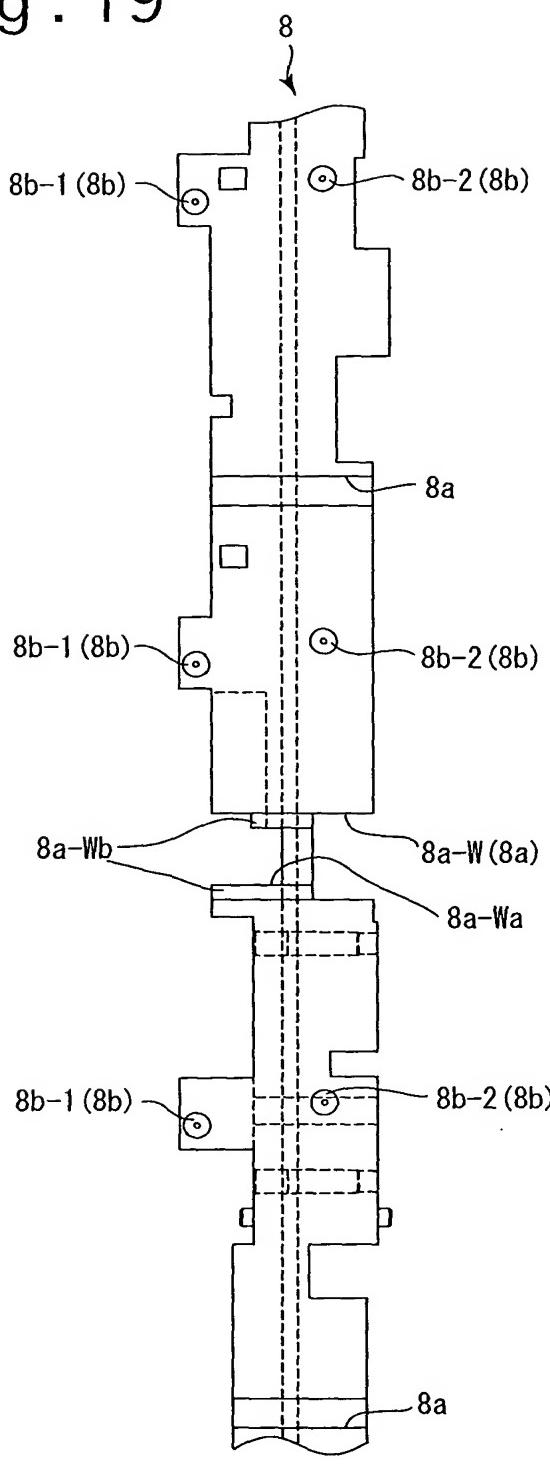


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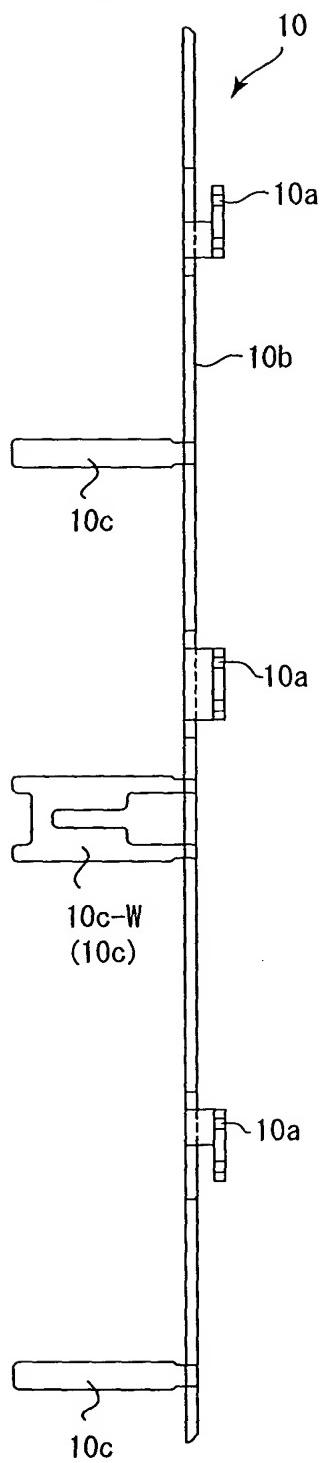


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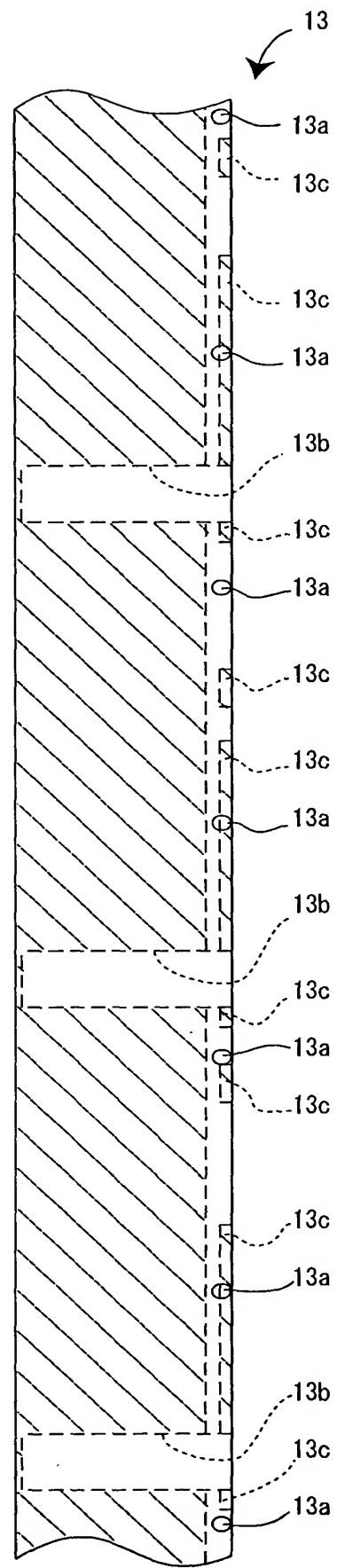


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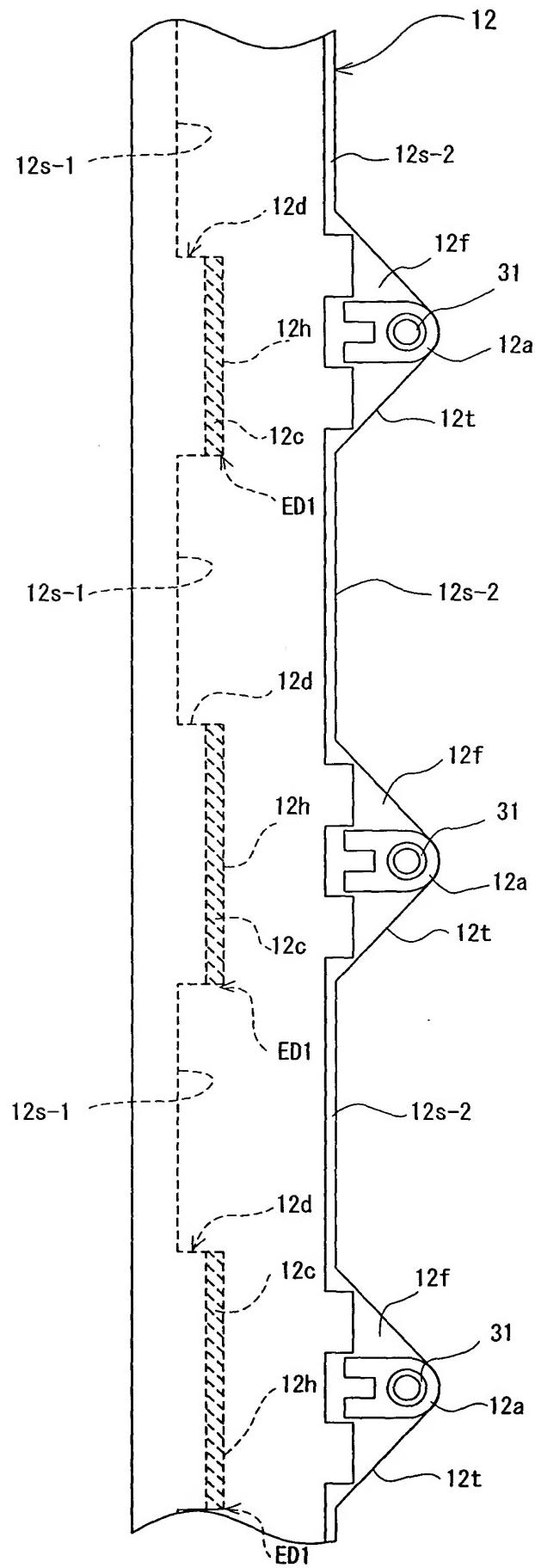


Fig. 22

One of the two Elements Advances or Retracts when the Other Rotates
 First Lens Group Support Structure (Axial Position Adjustment Possible)
 One of the two Elements Rotates Relative to the Other
 Second Lens Group Support Structure (Retractable)
 Rotation Transmission Line

→ One of the two Elements Guides the Other Linearly Without the Other Rotating

→ Second Lens Group Radial-retraction Guide Structure

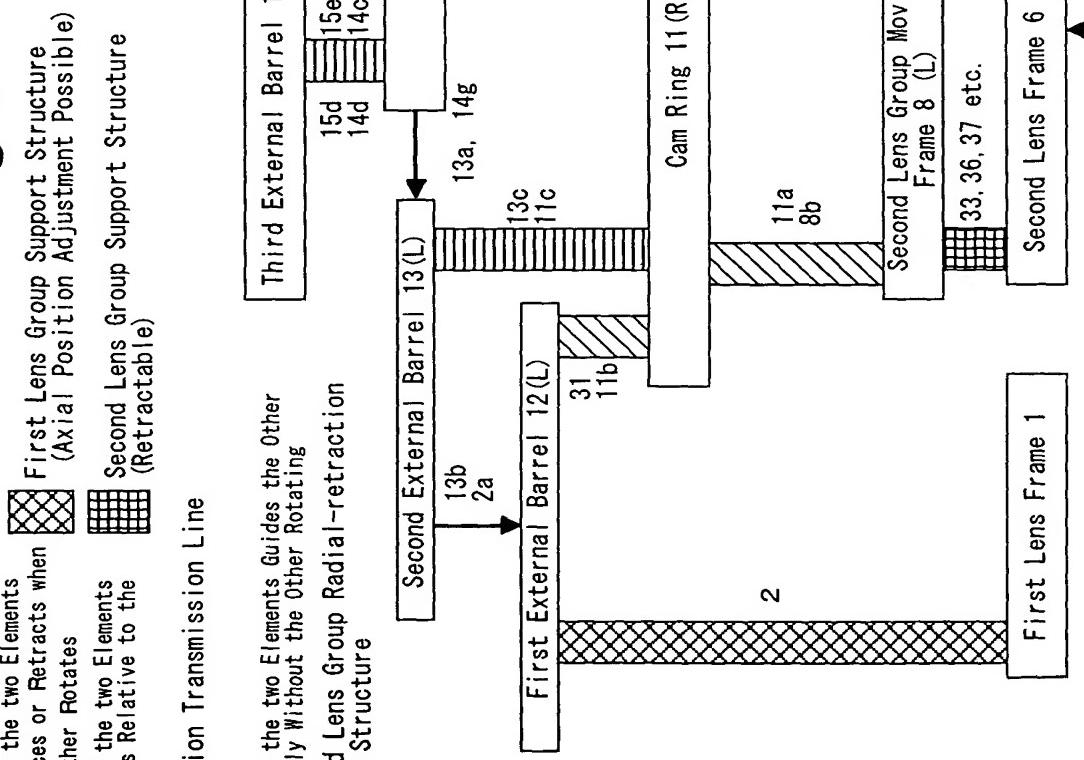


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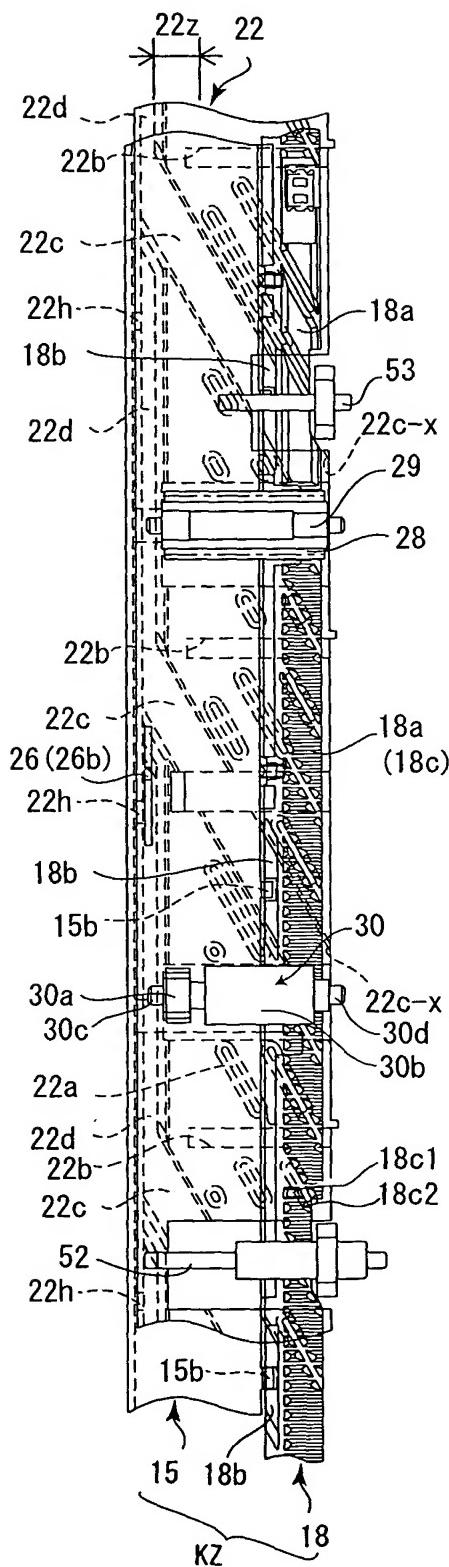


Fig. 24

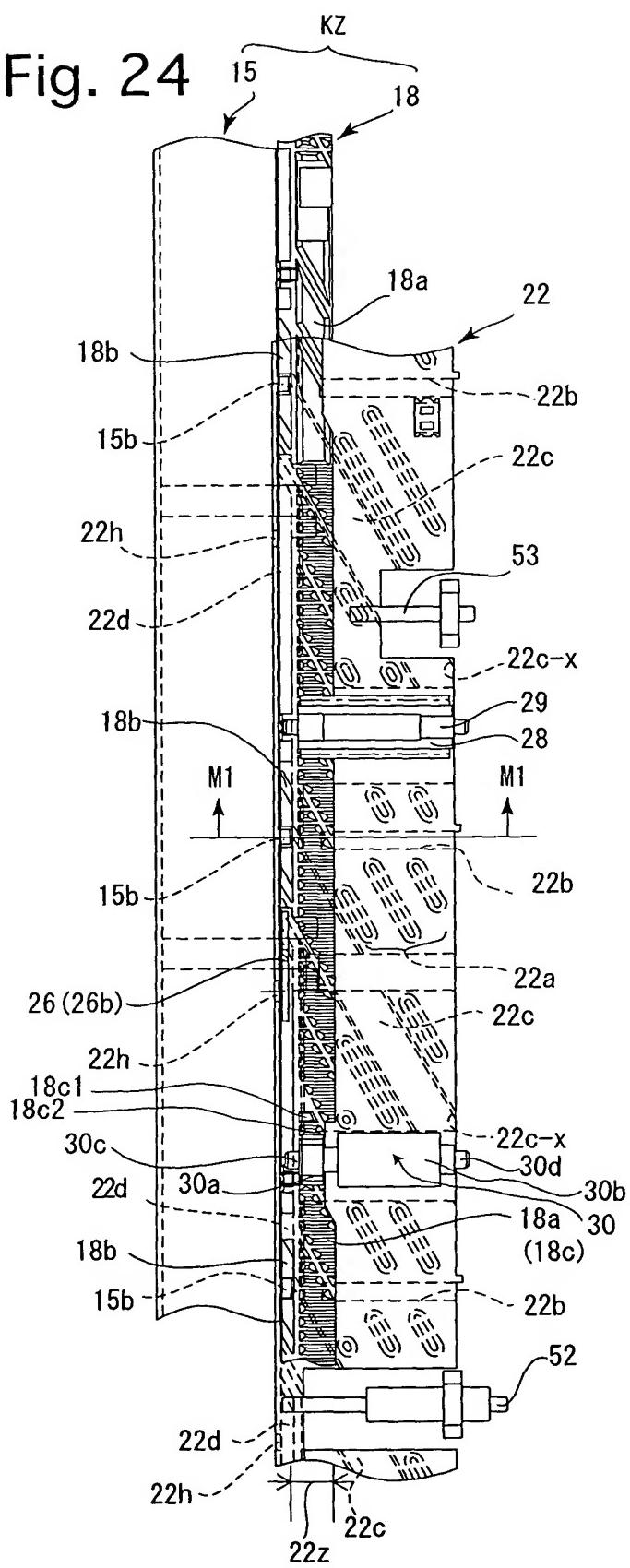


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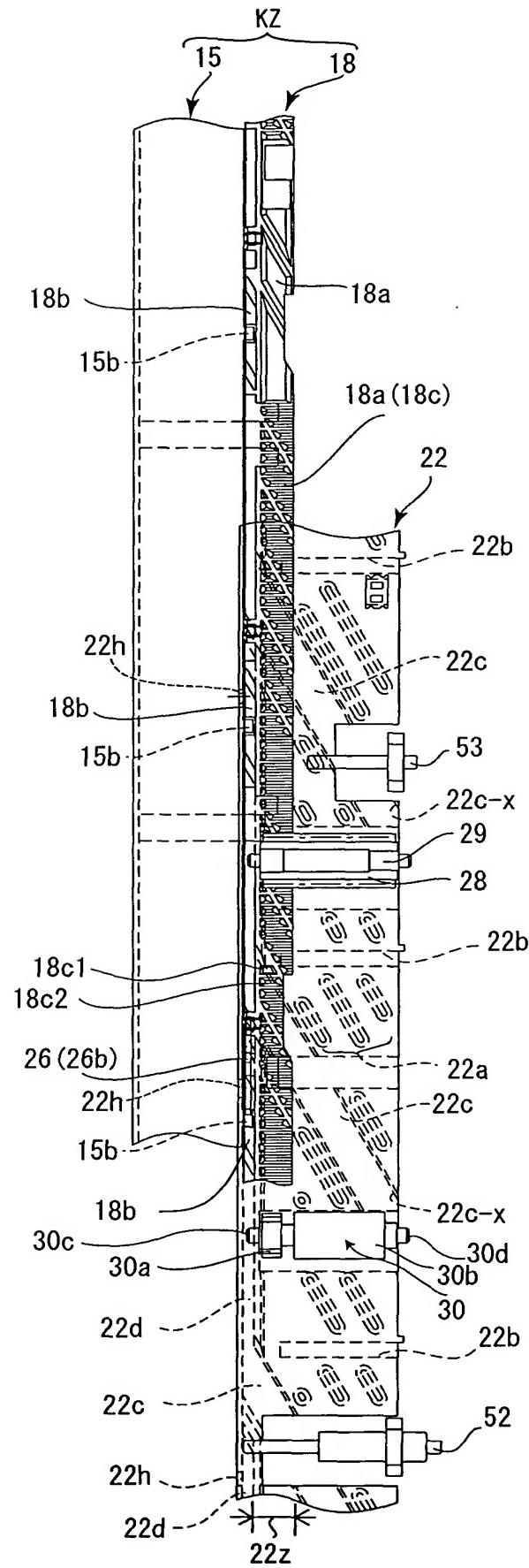


Fig. 26

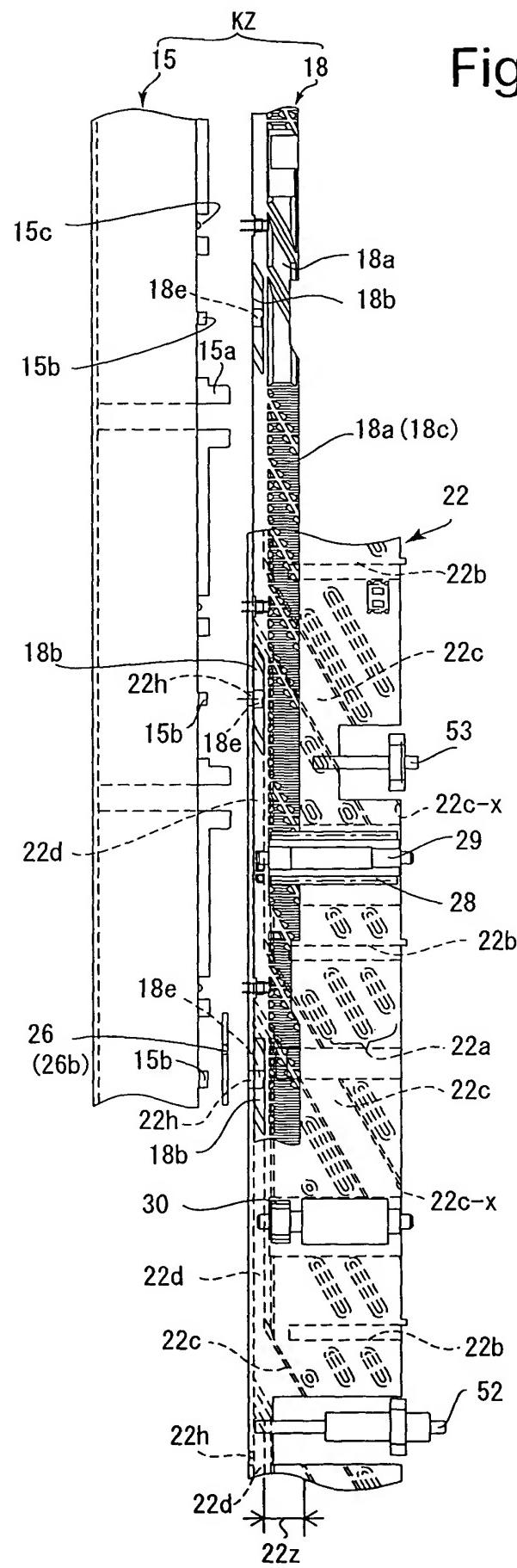


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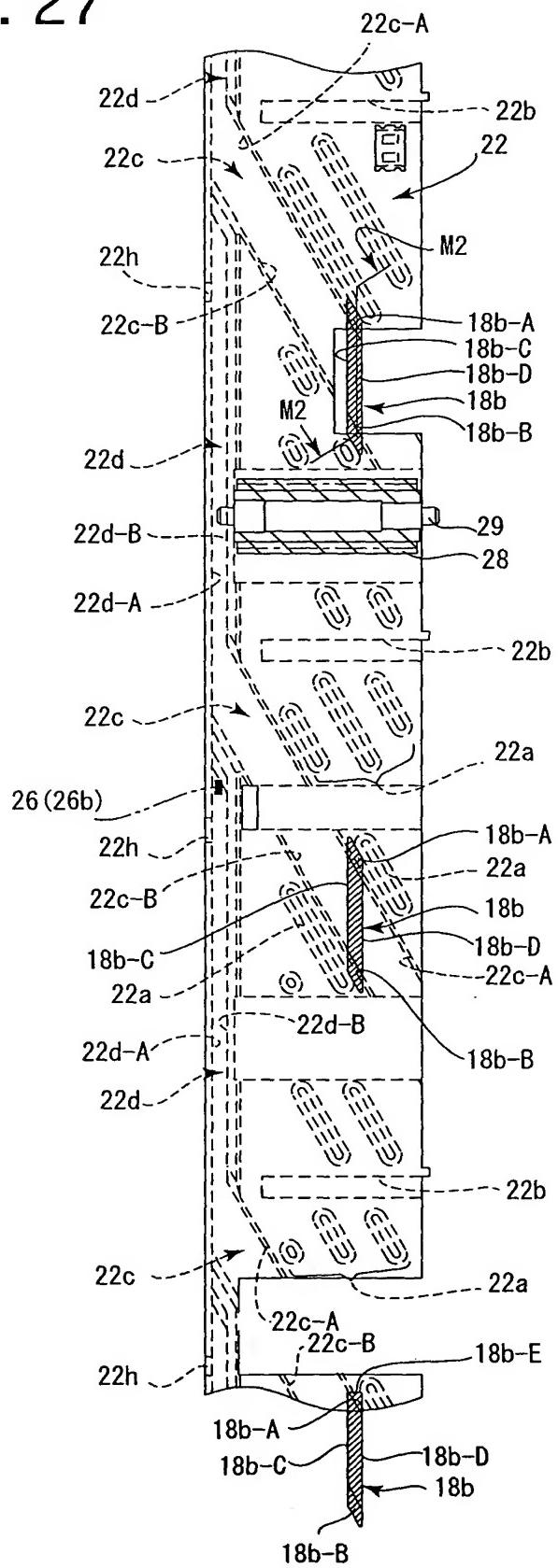


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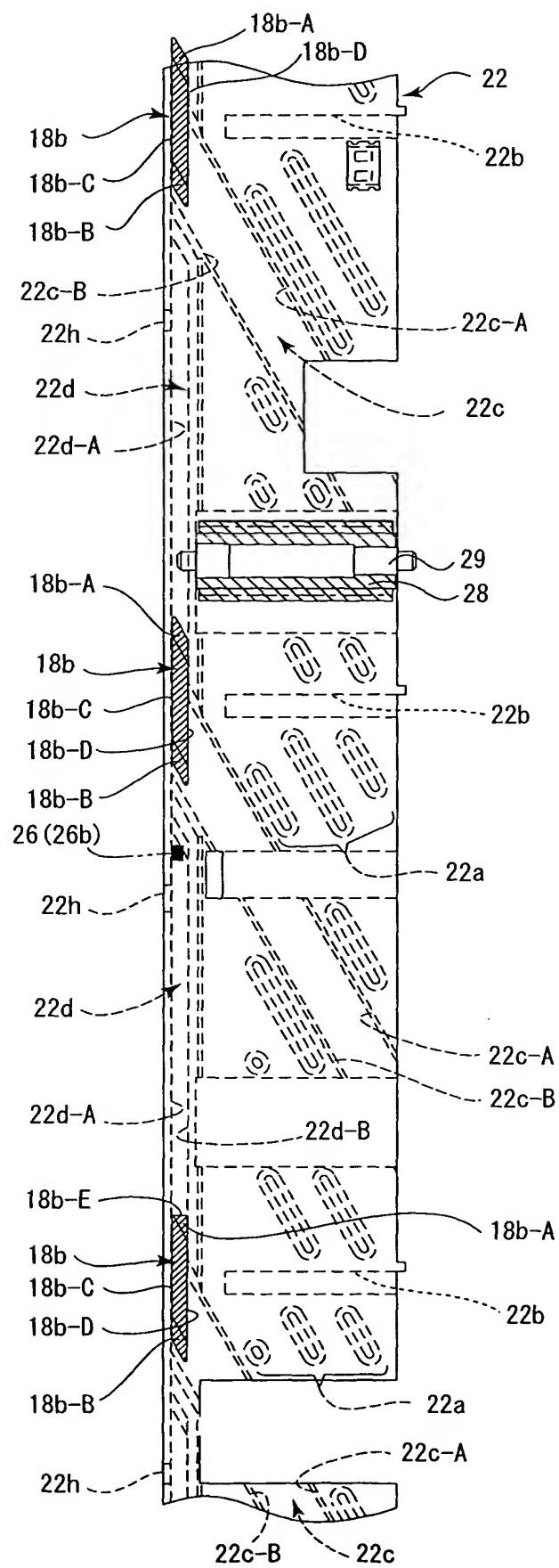


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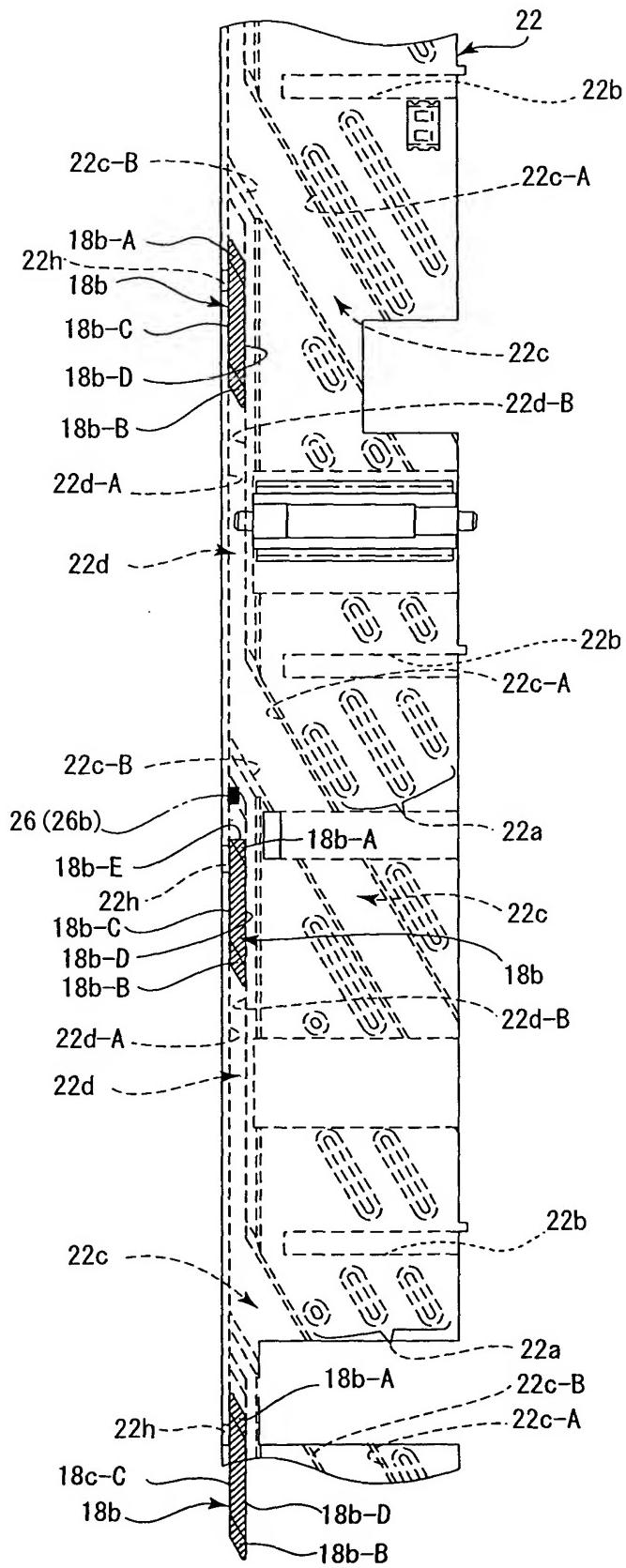


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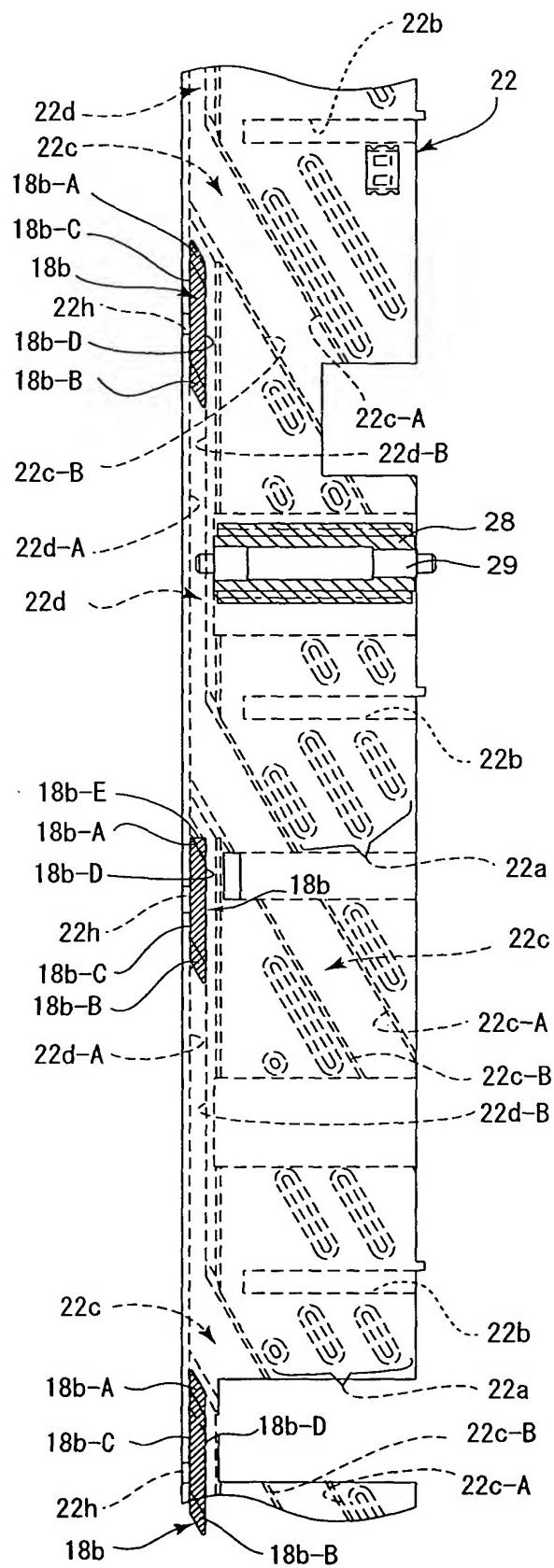


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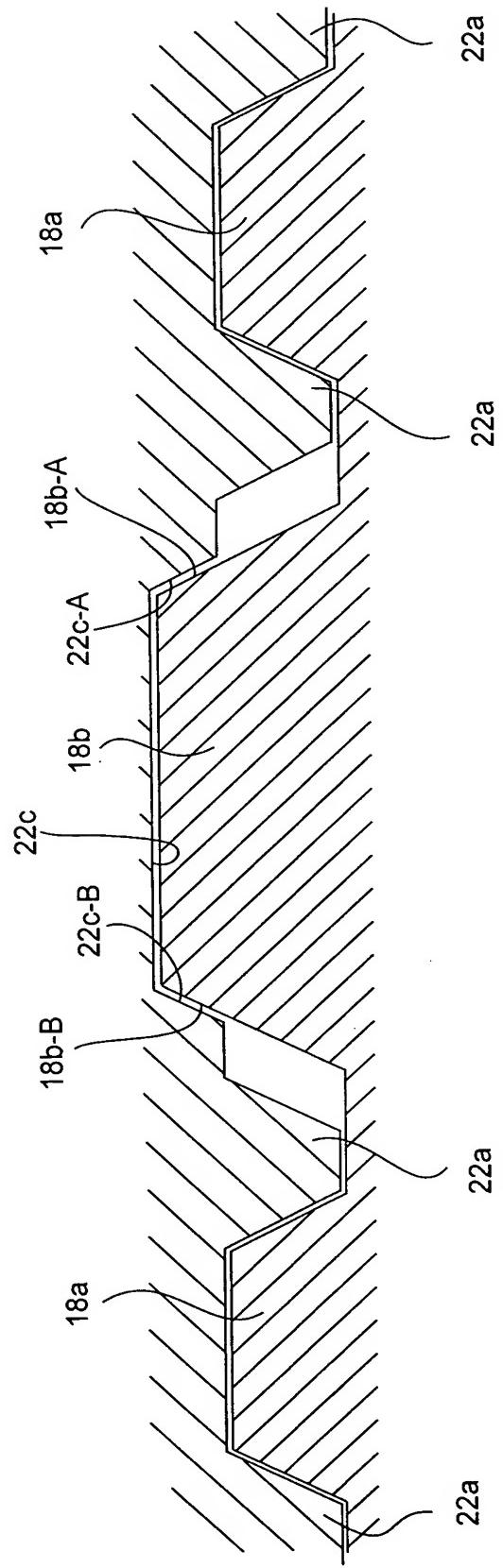


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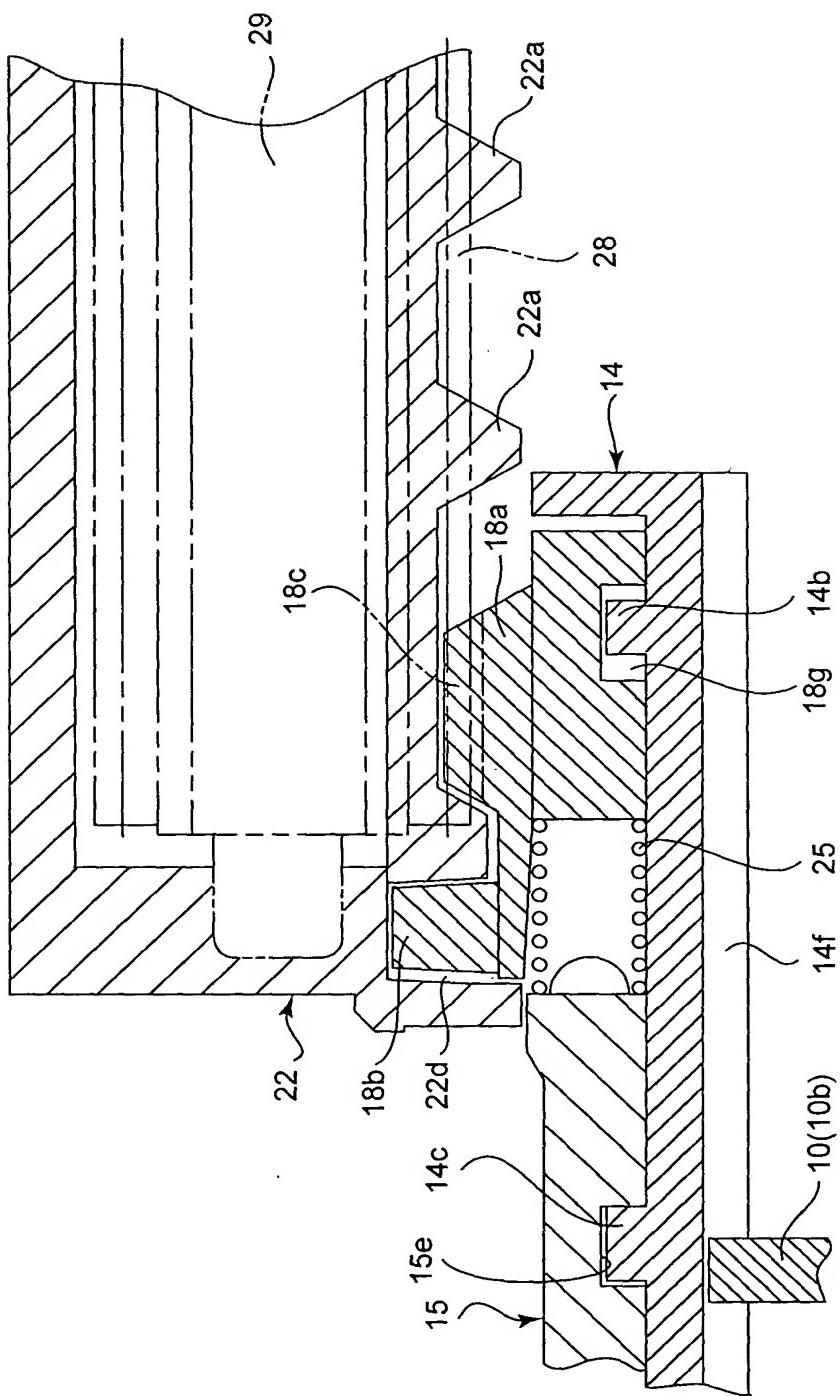


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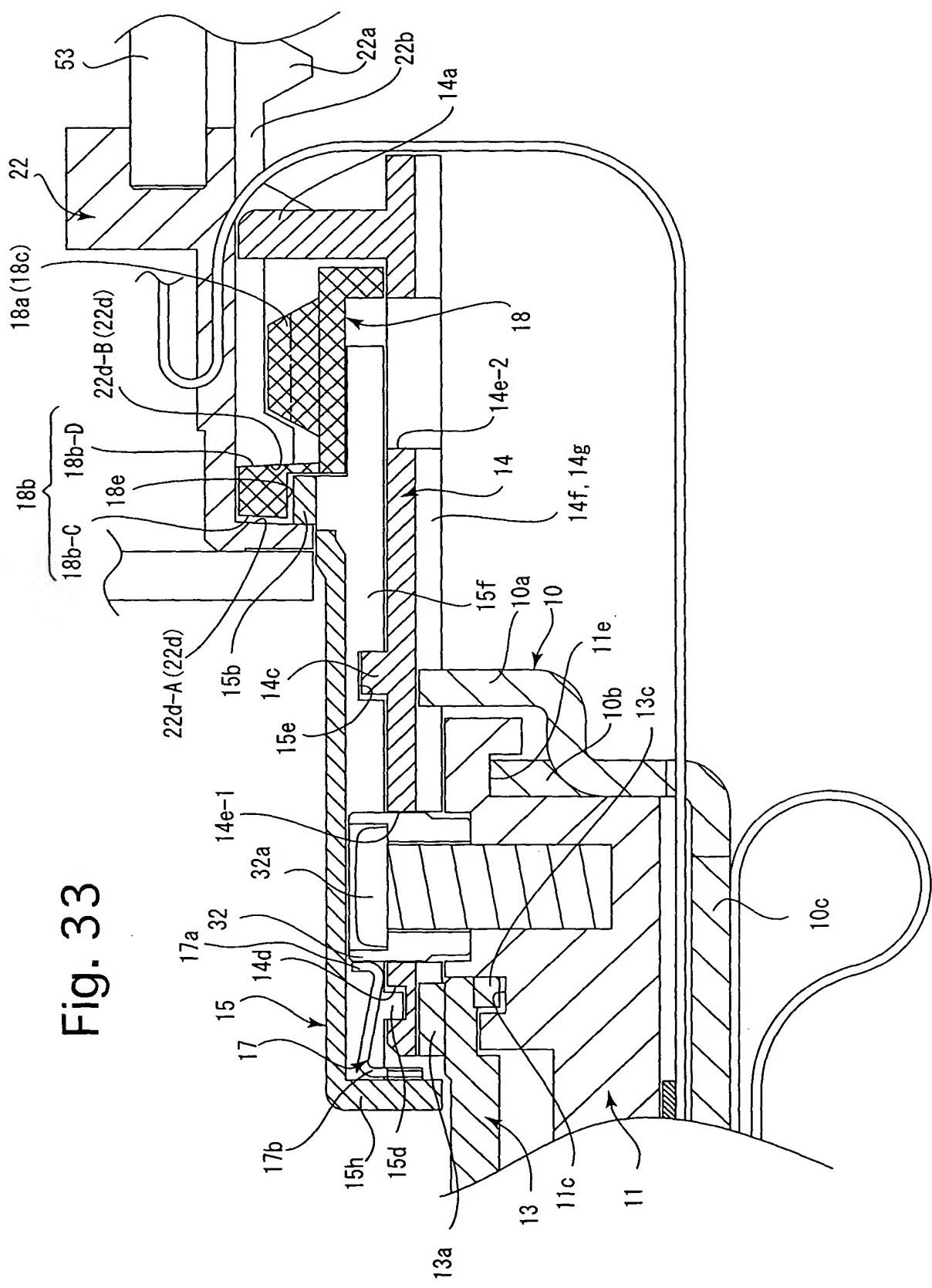


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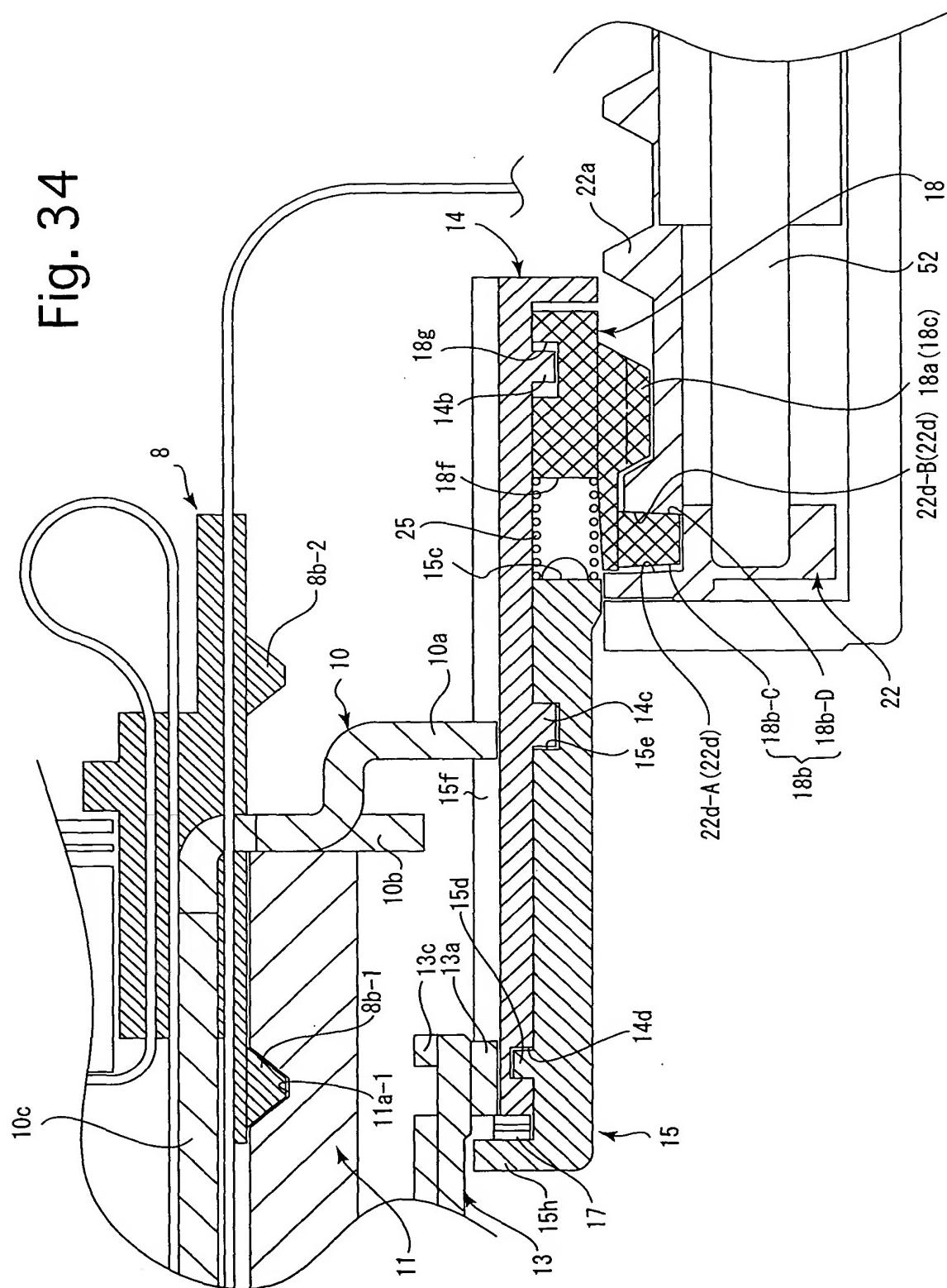


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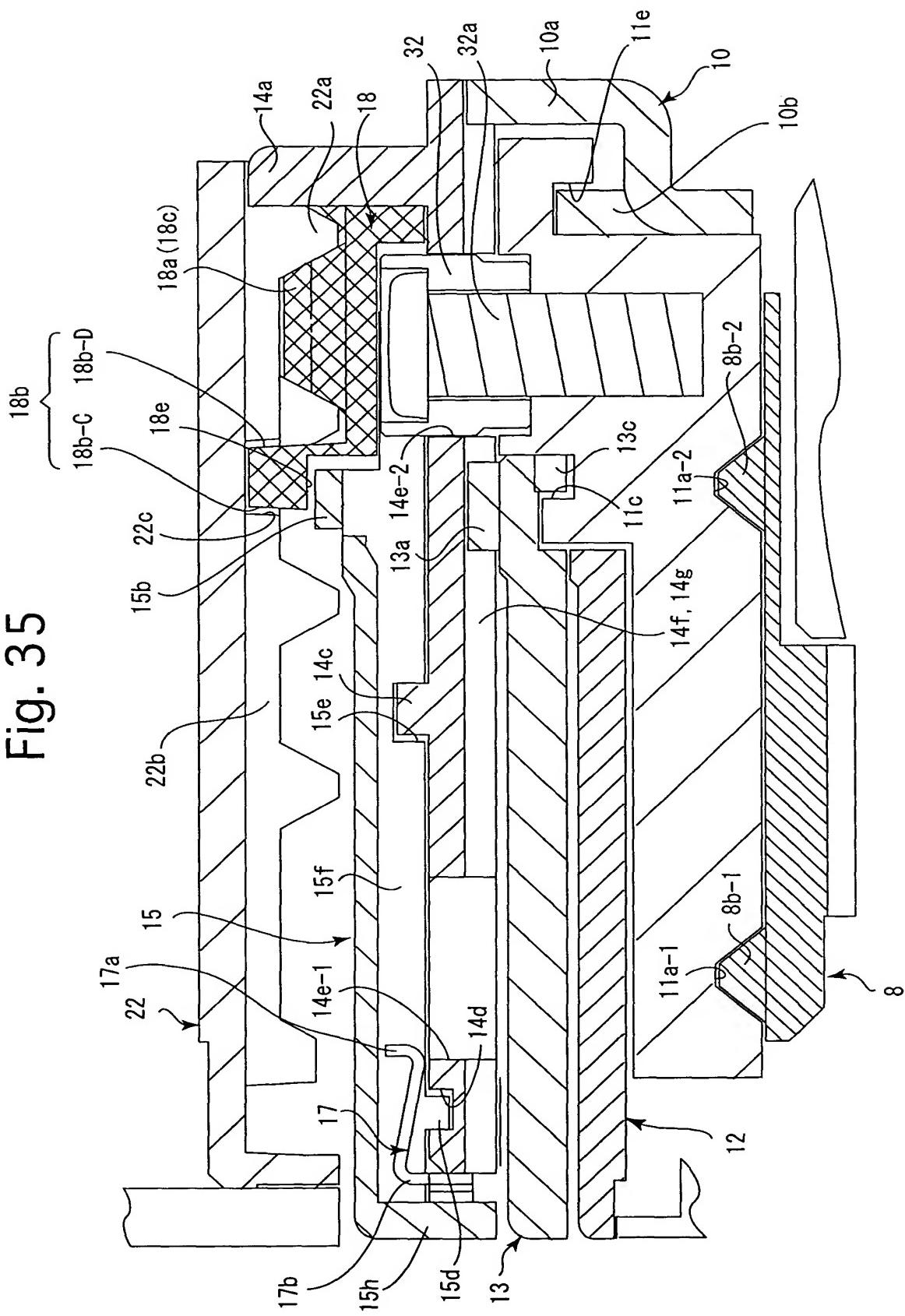


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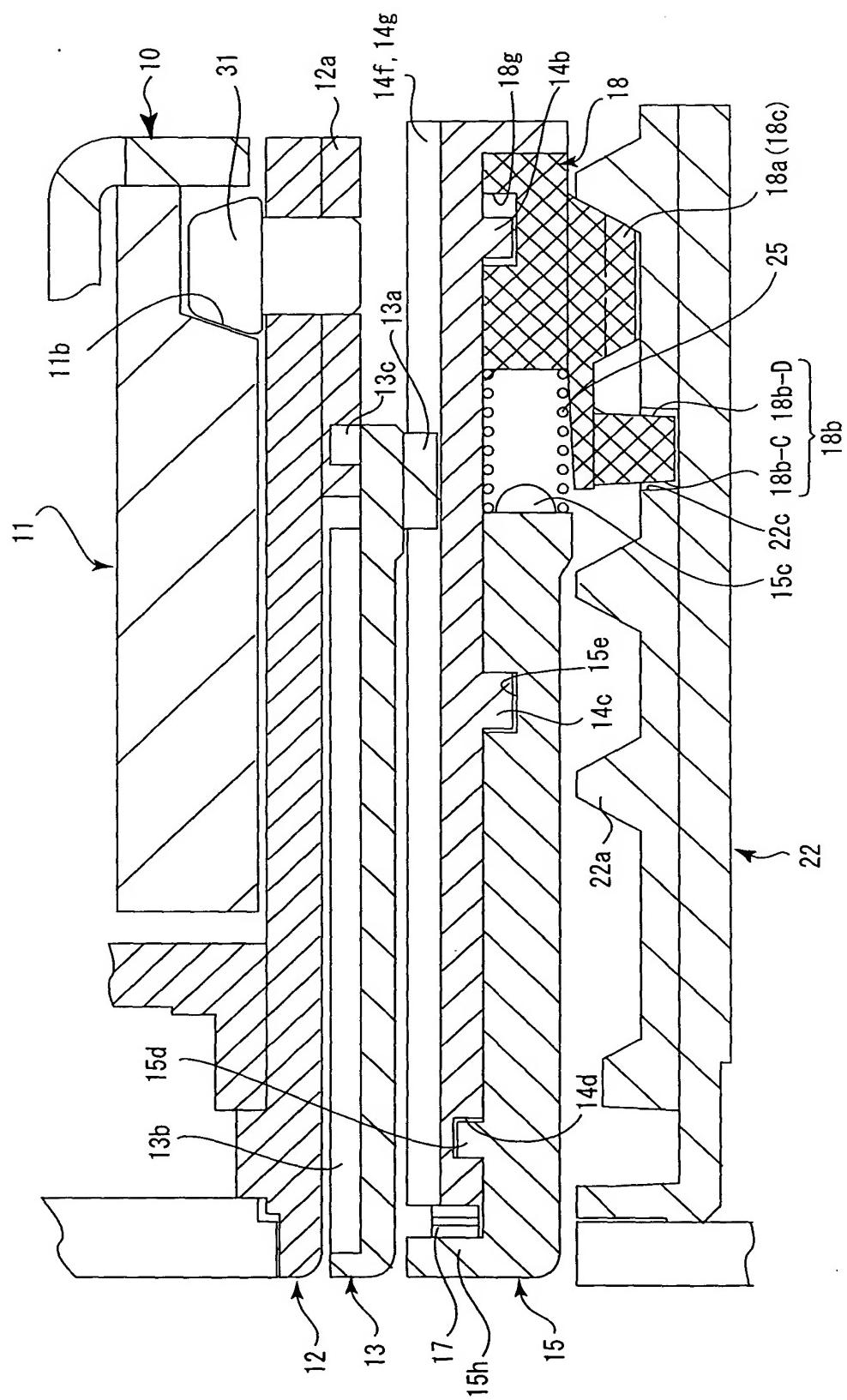


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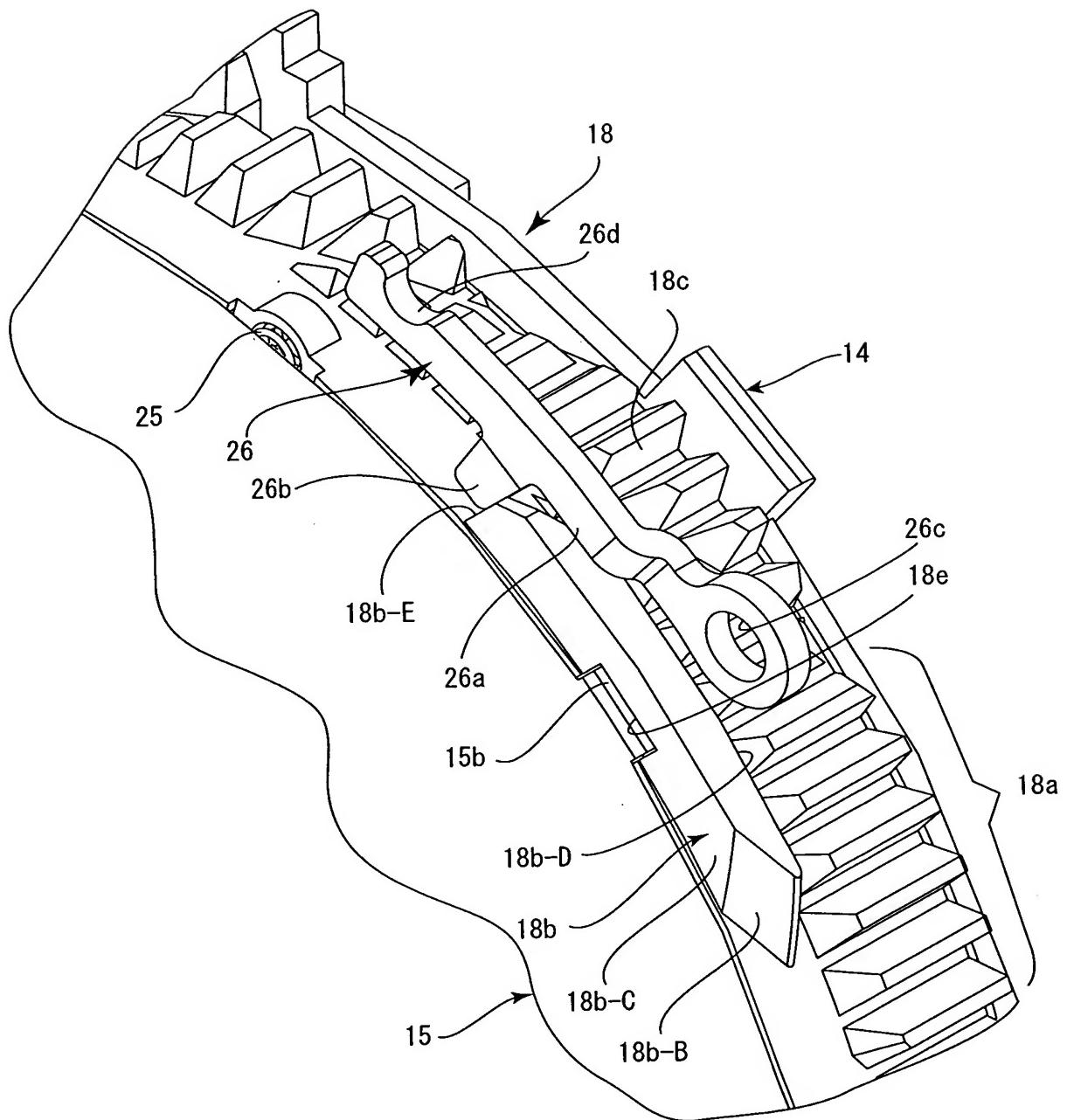


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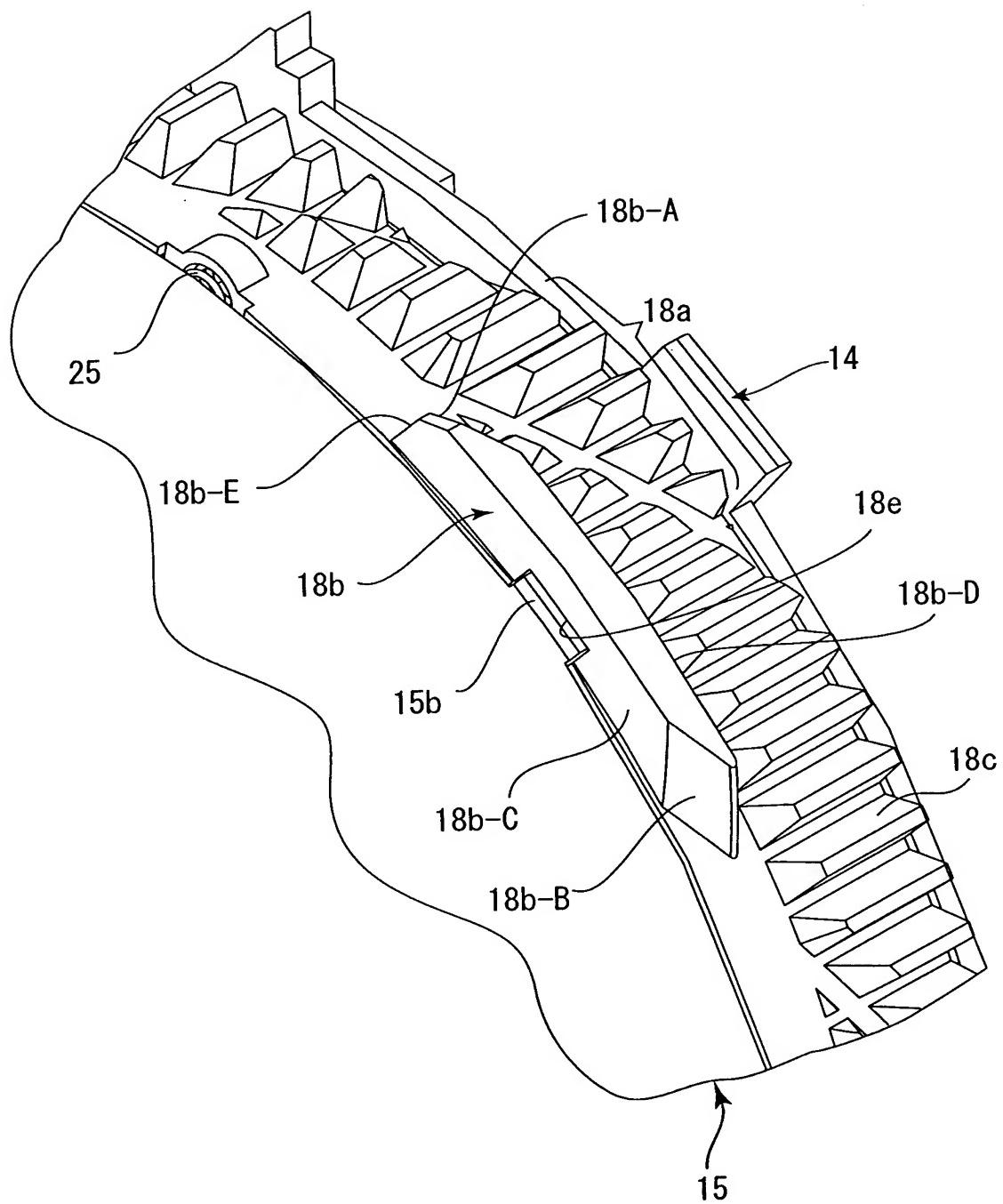


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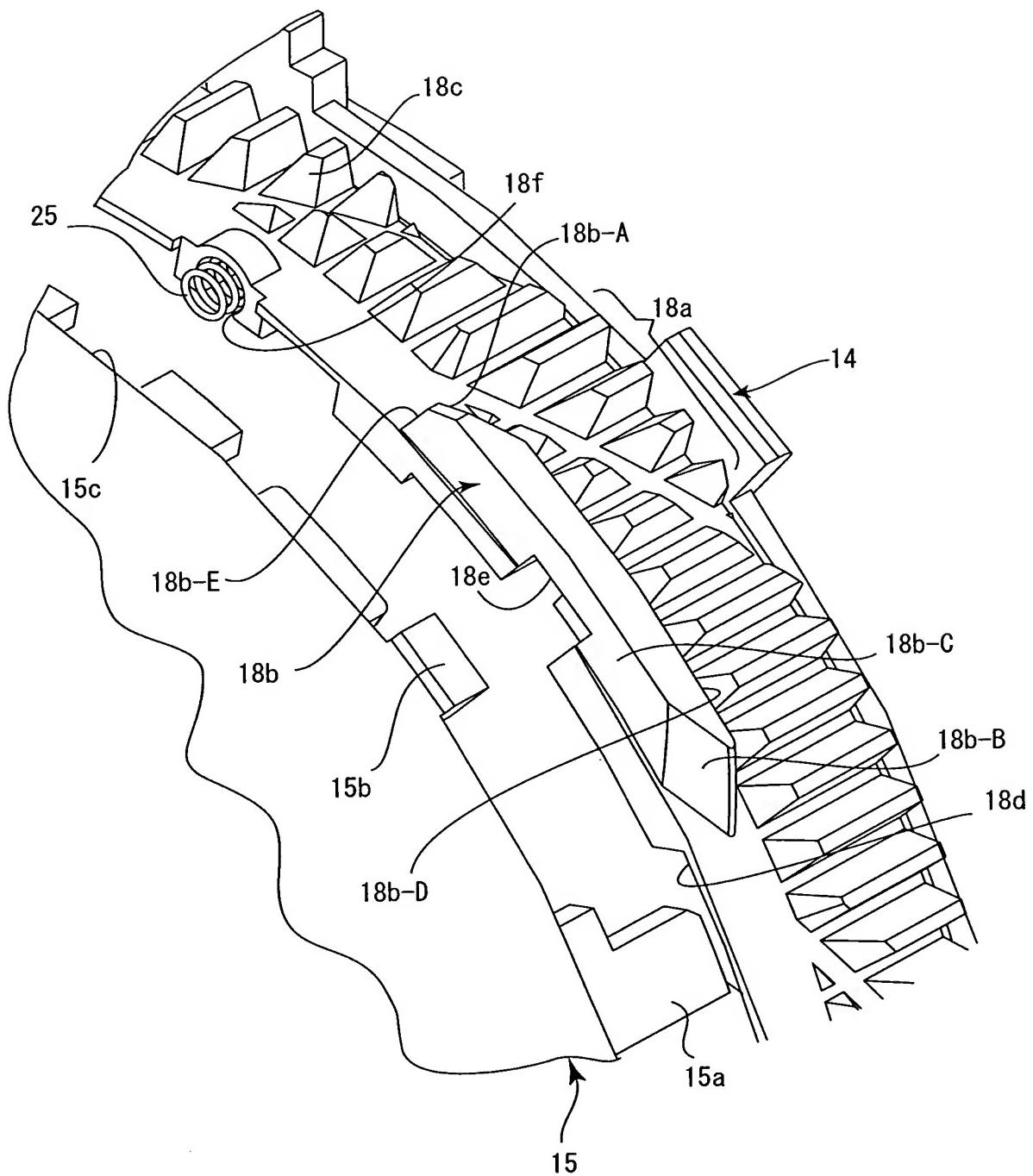


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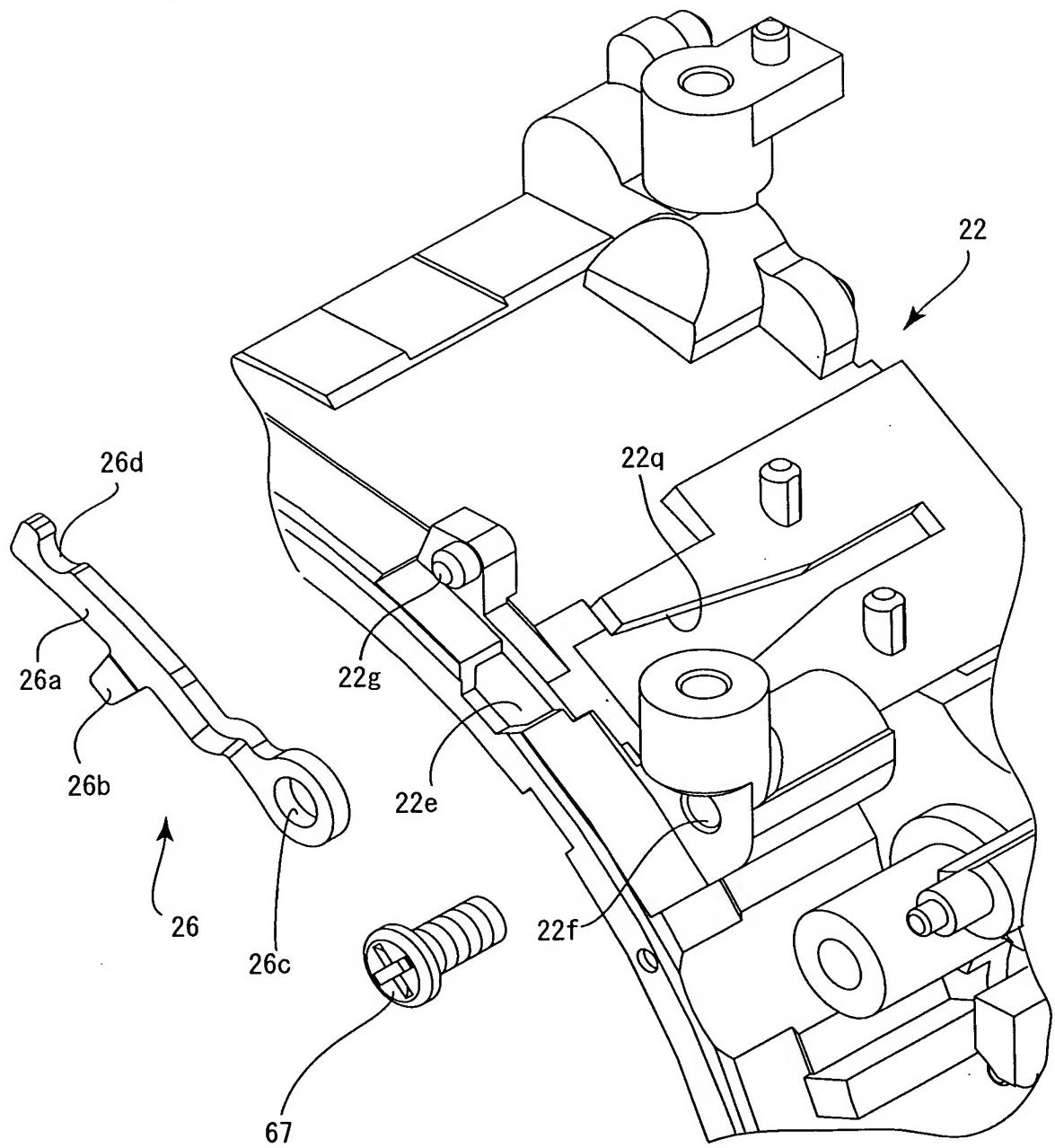


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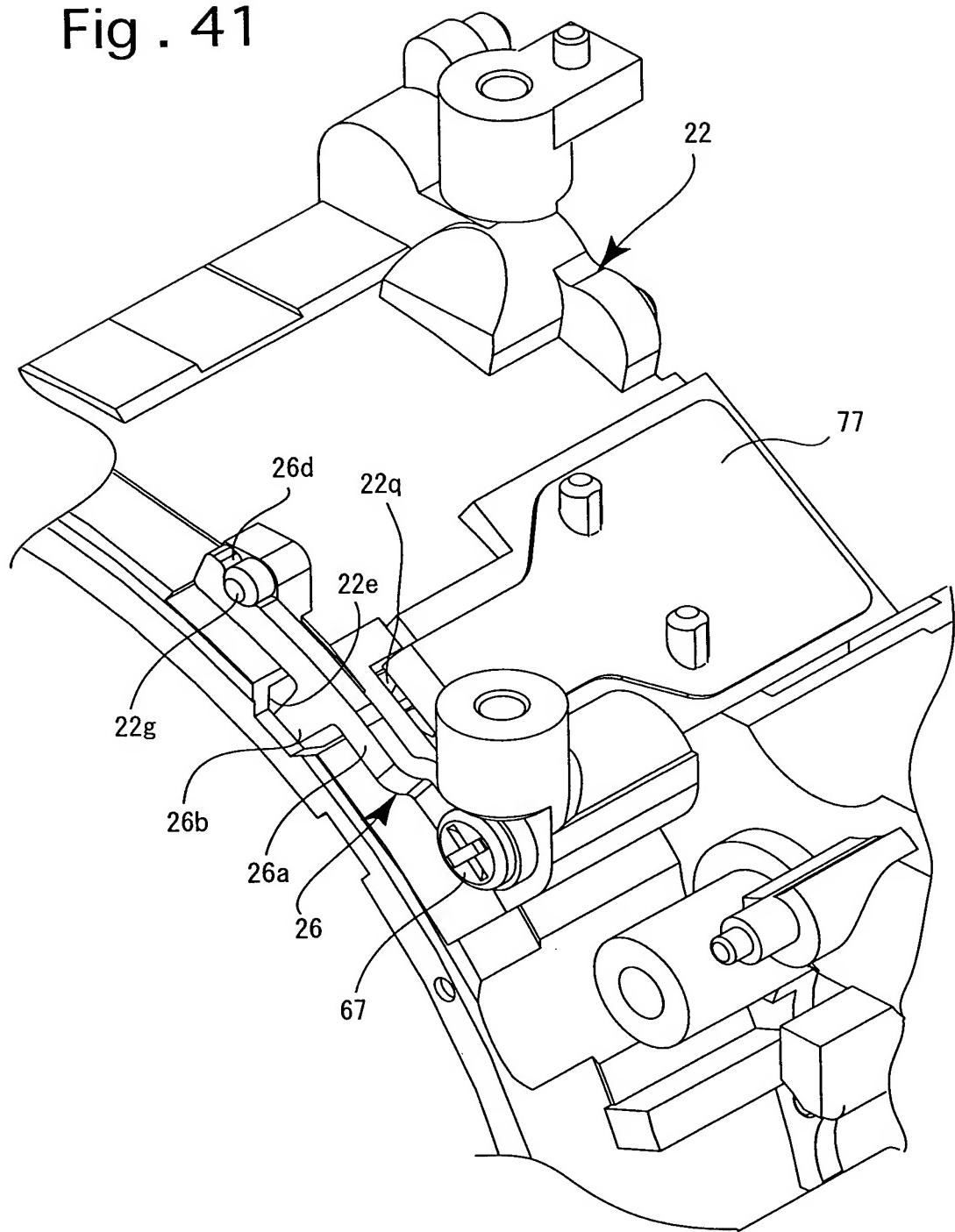


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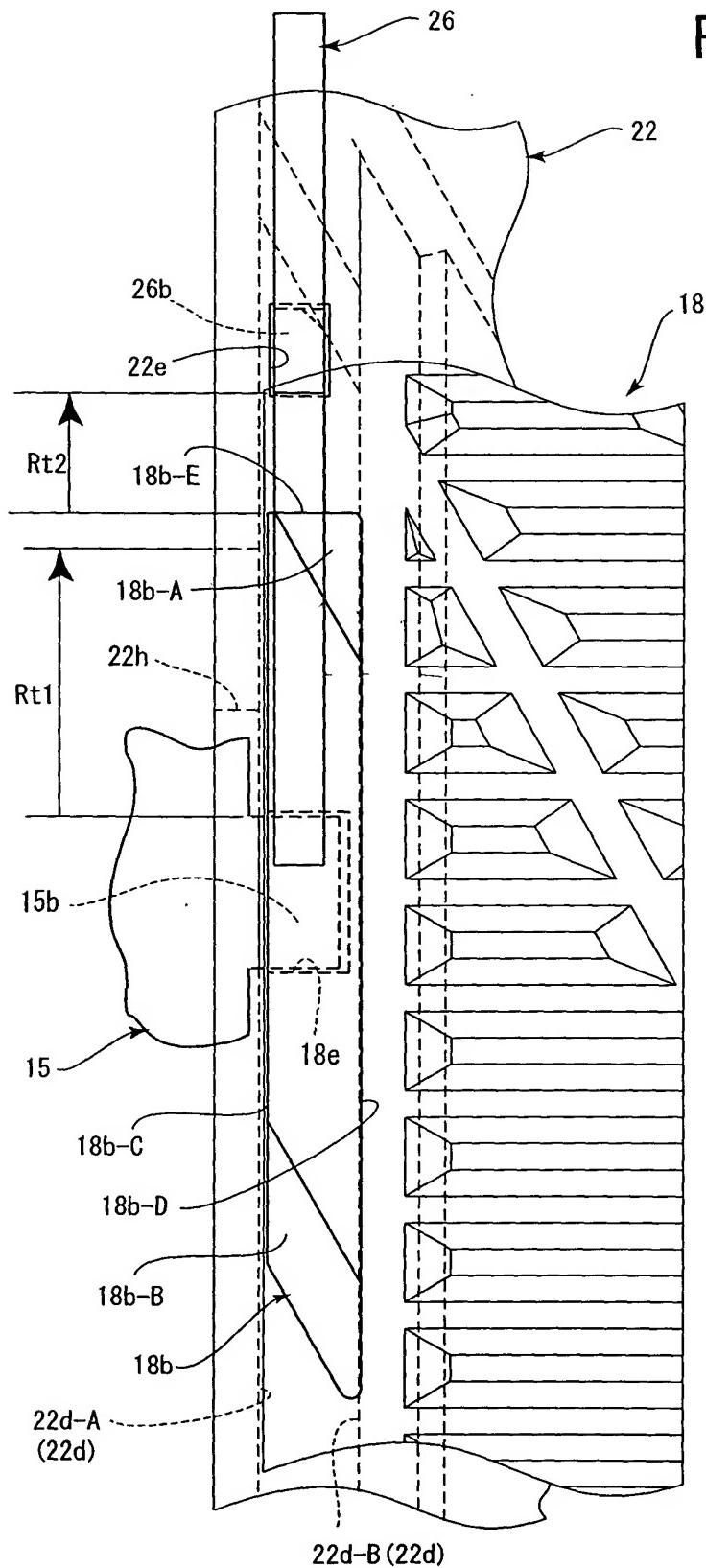


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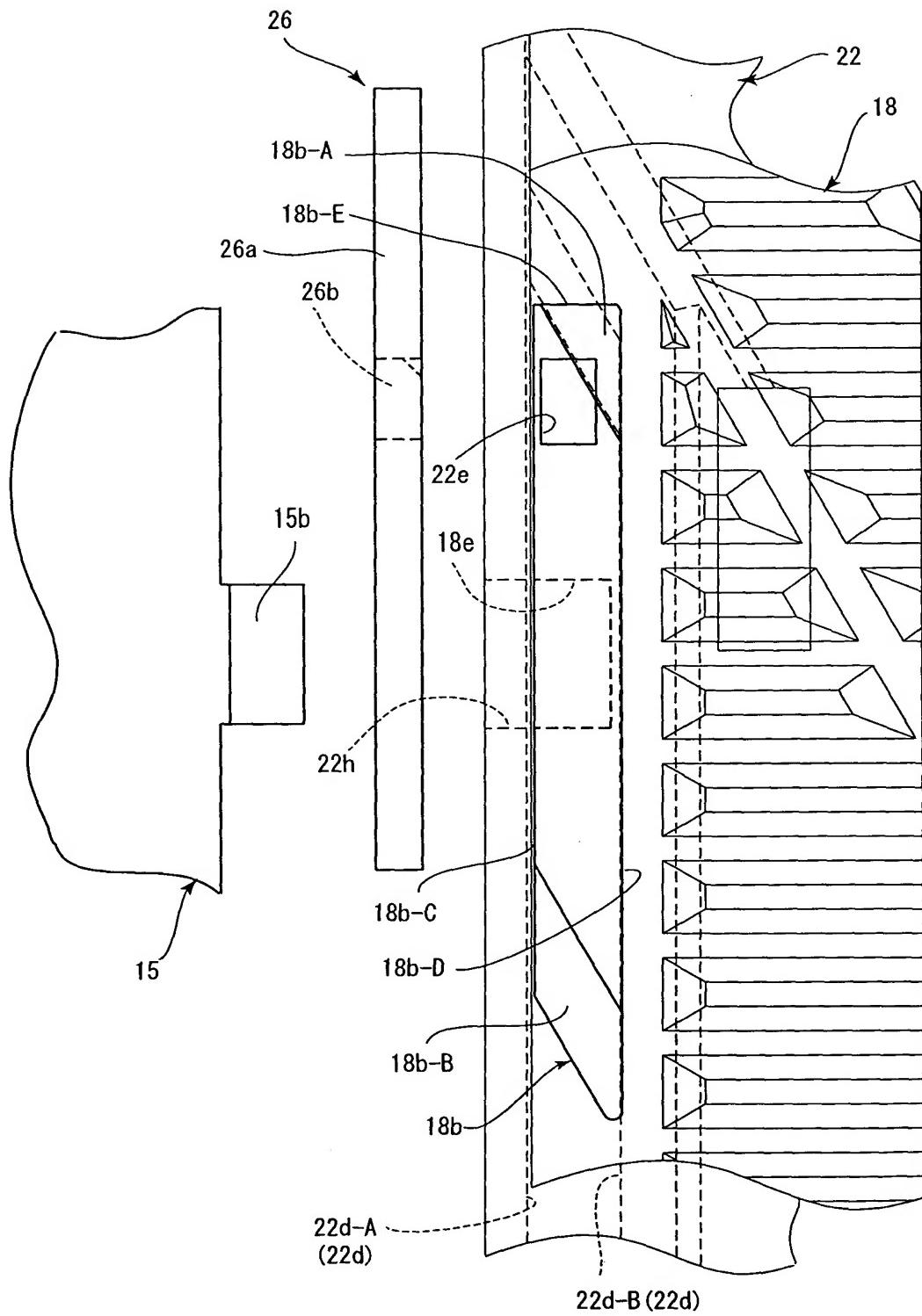


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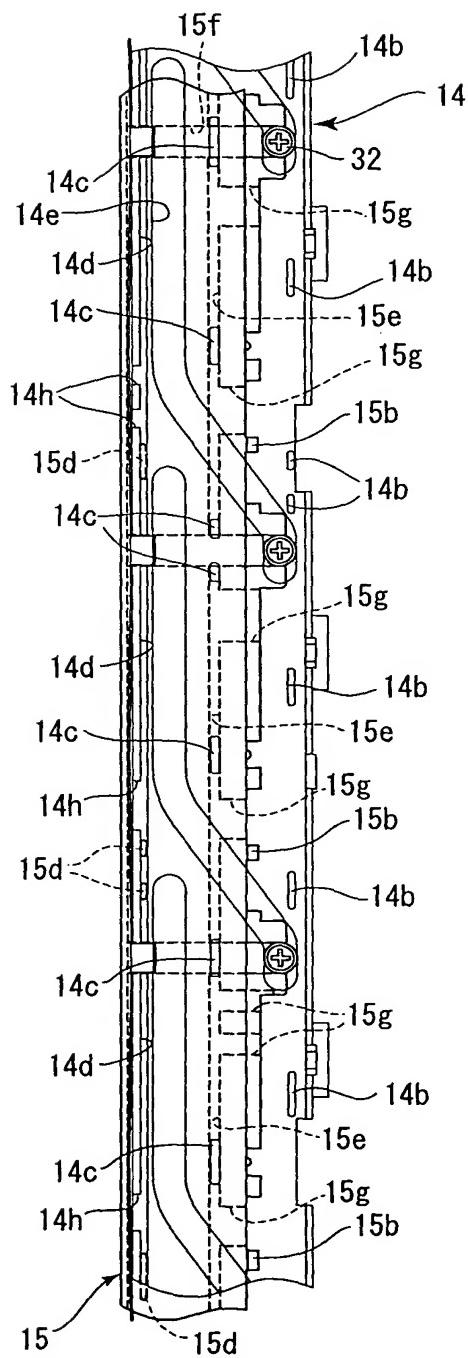


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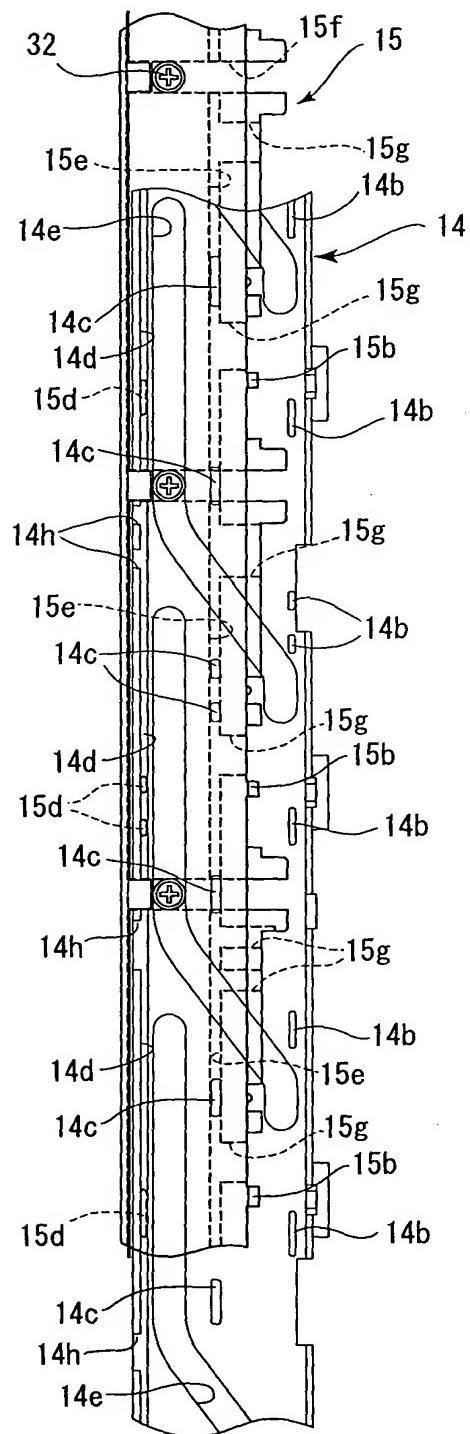


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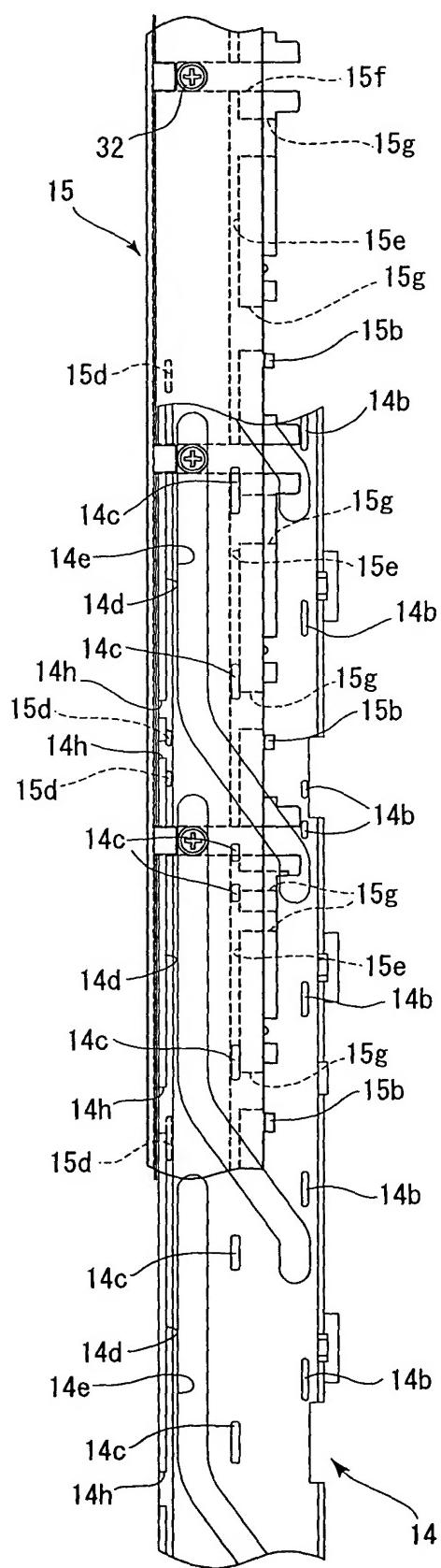


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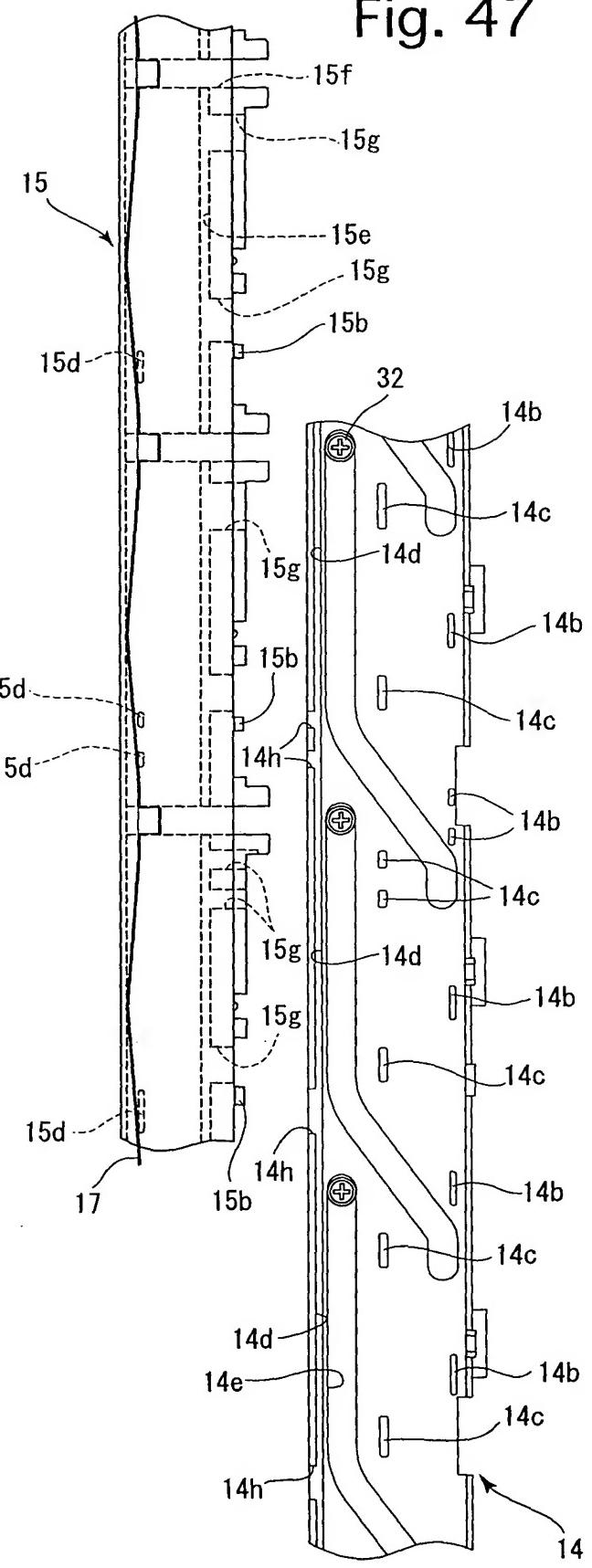


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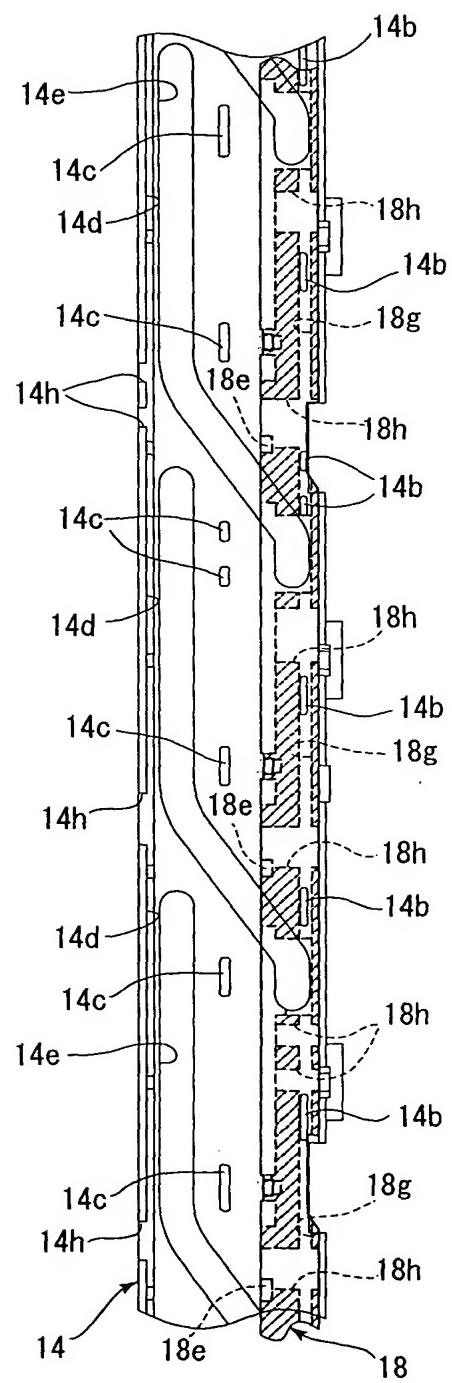


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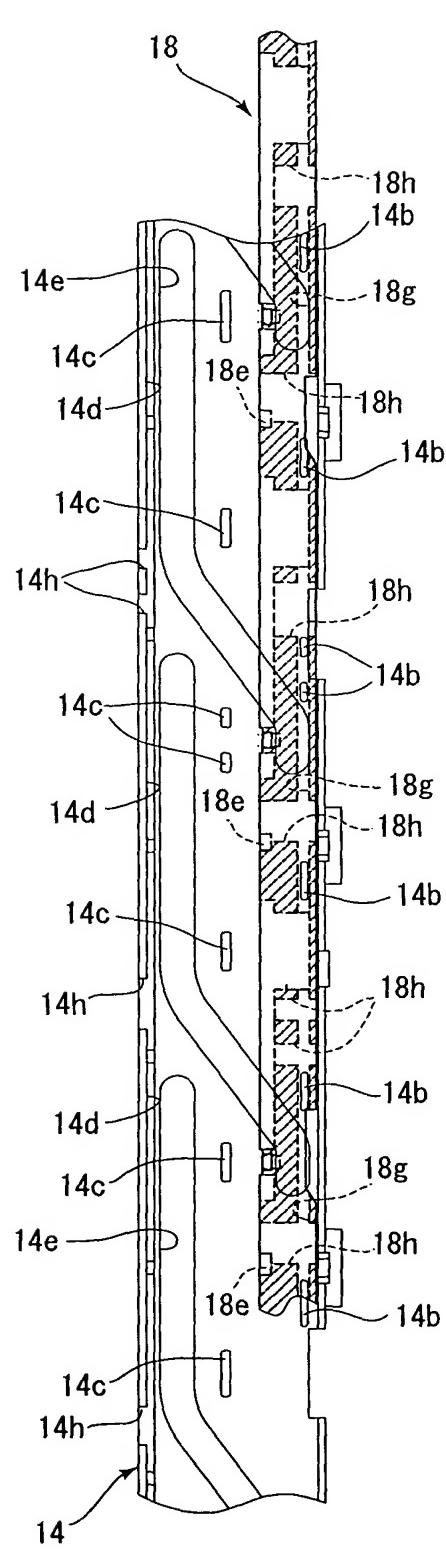


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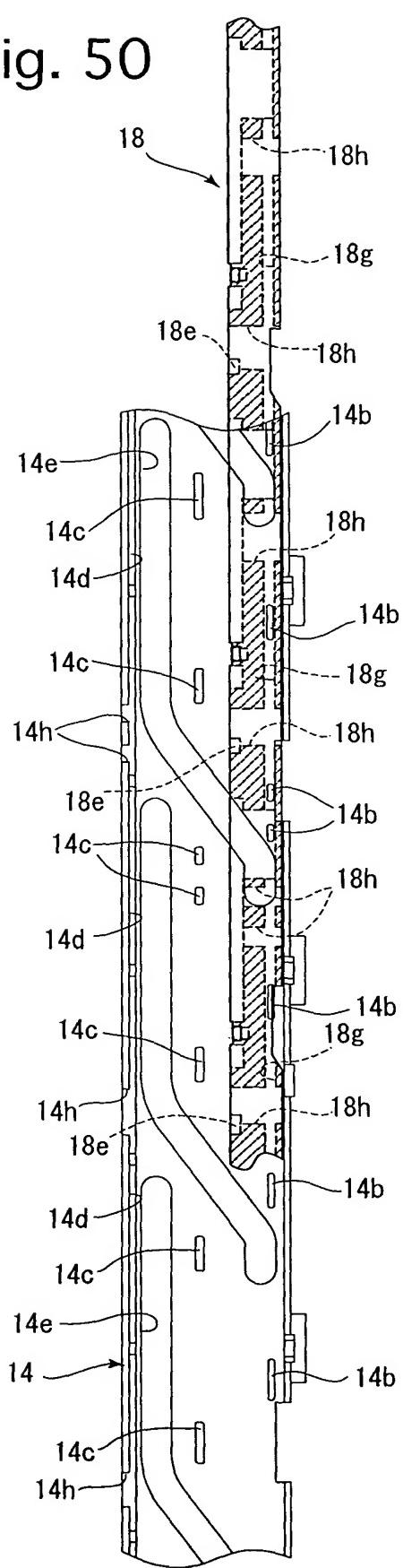


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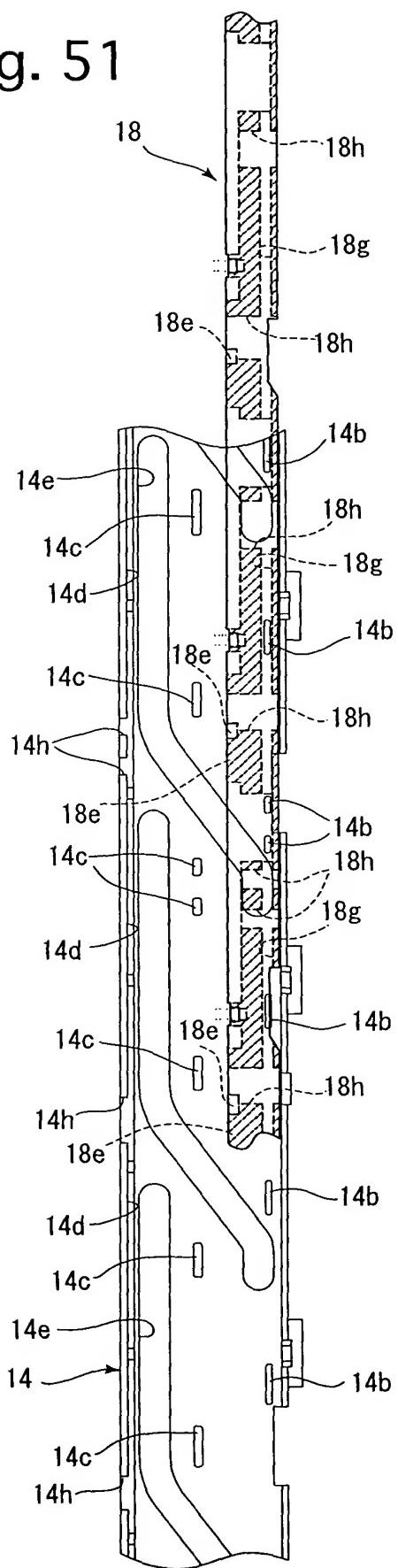


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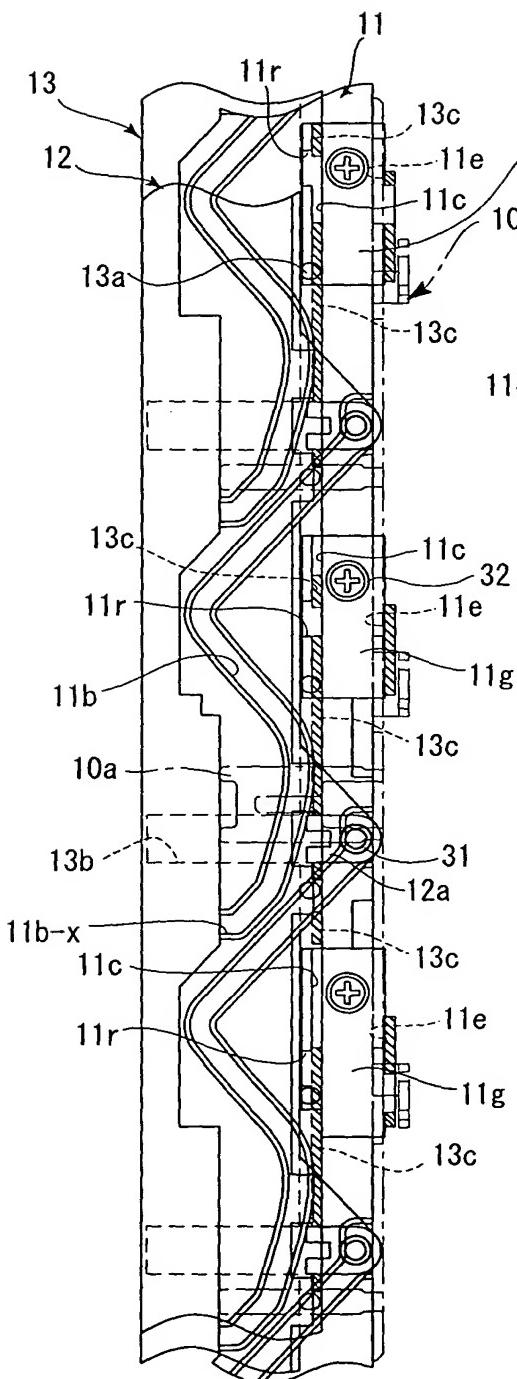


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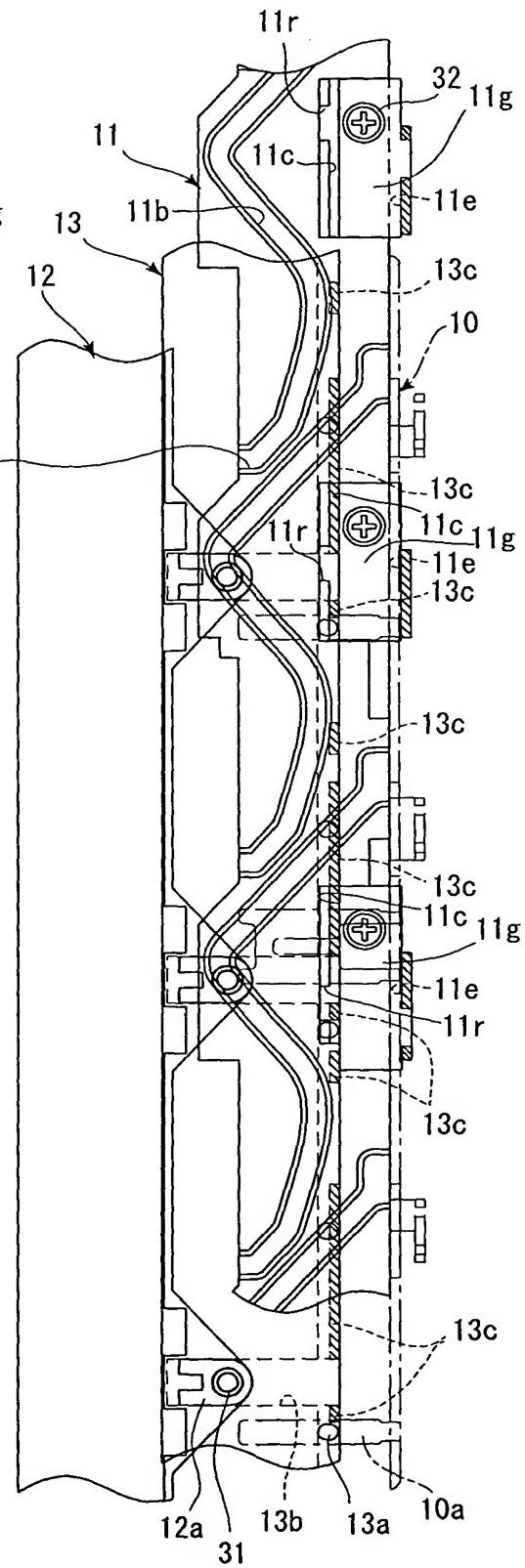


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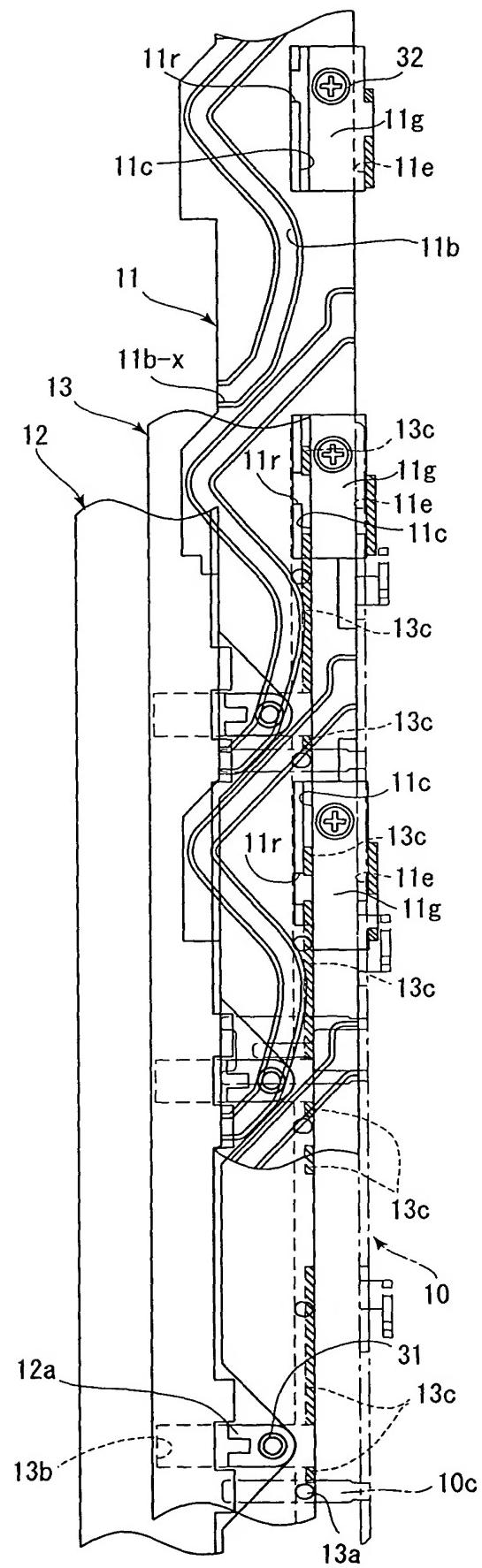


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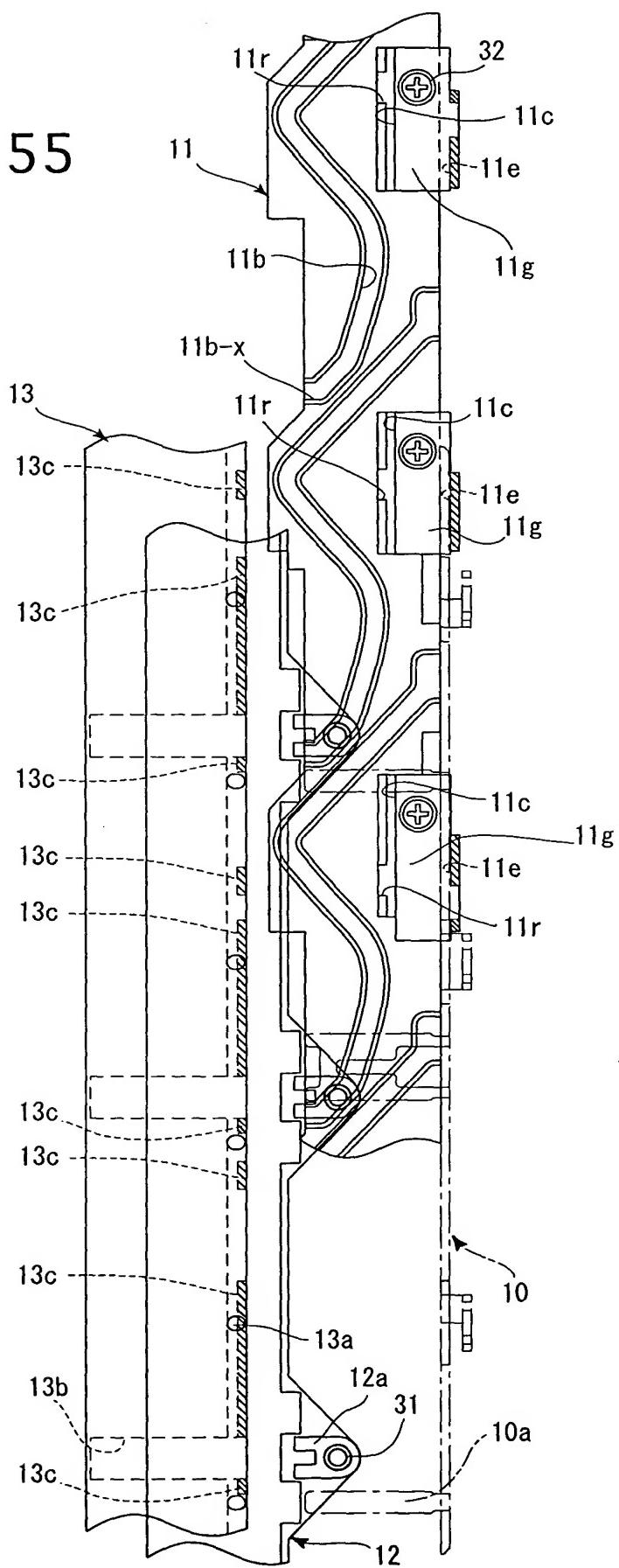


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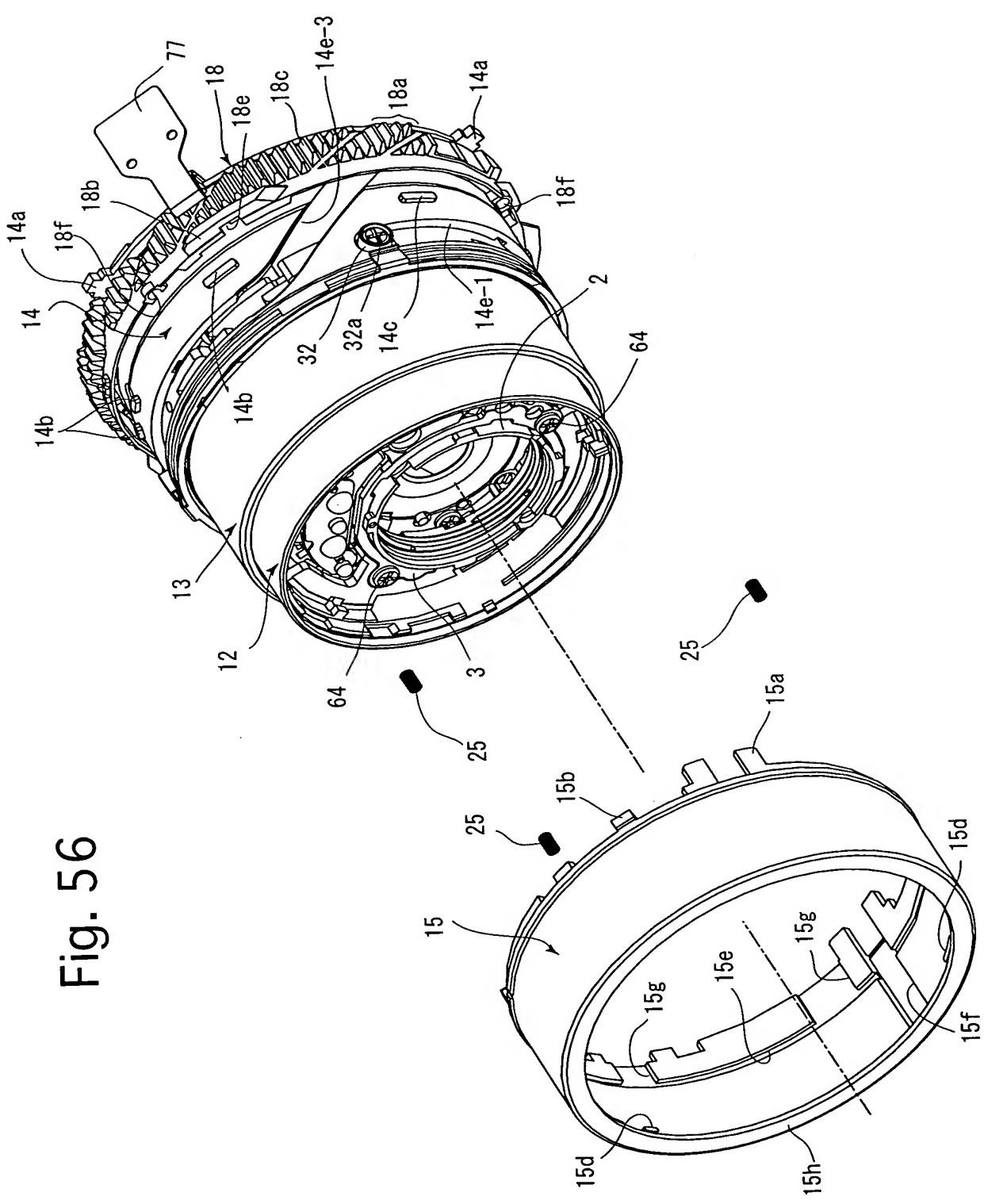


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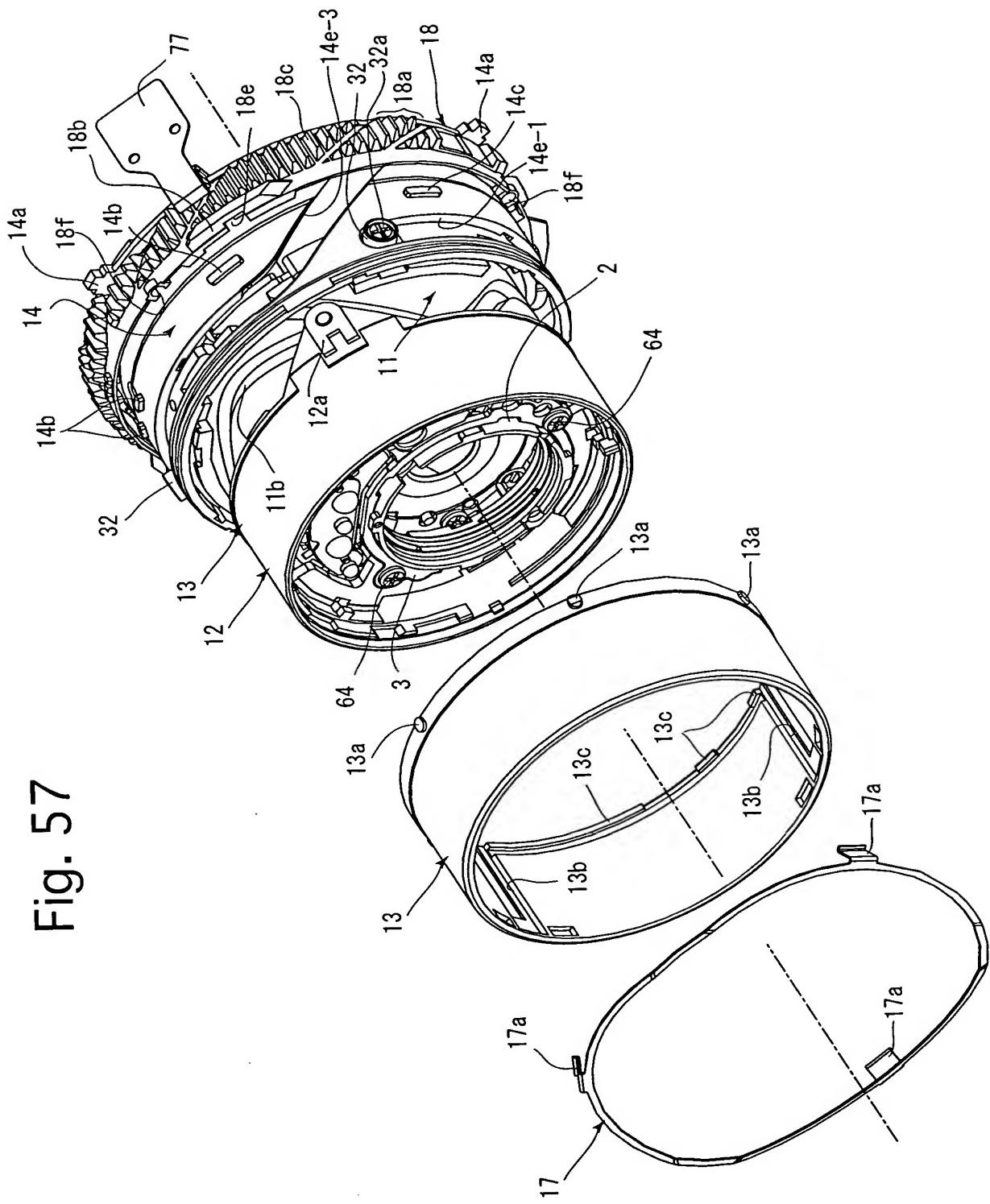


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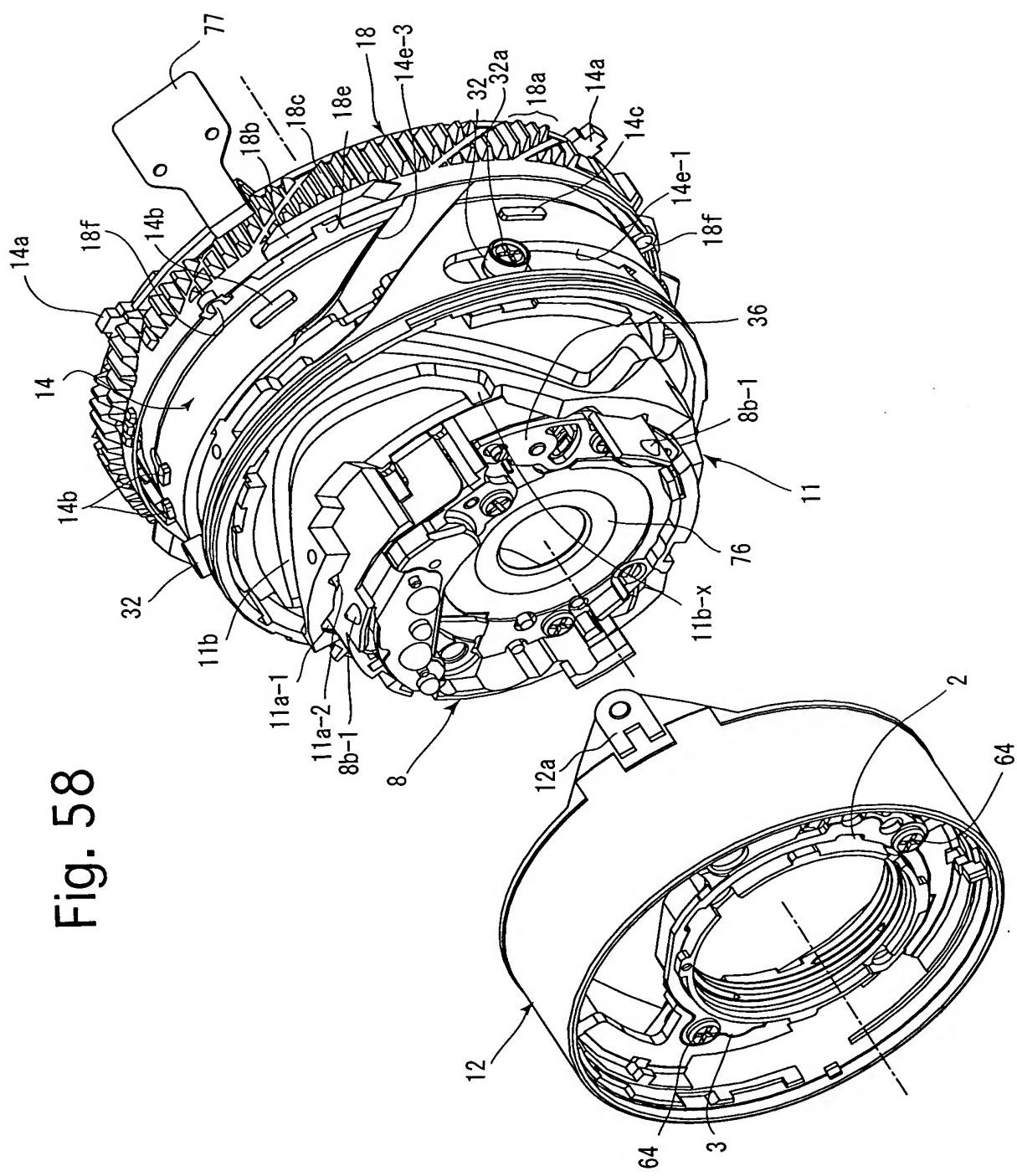


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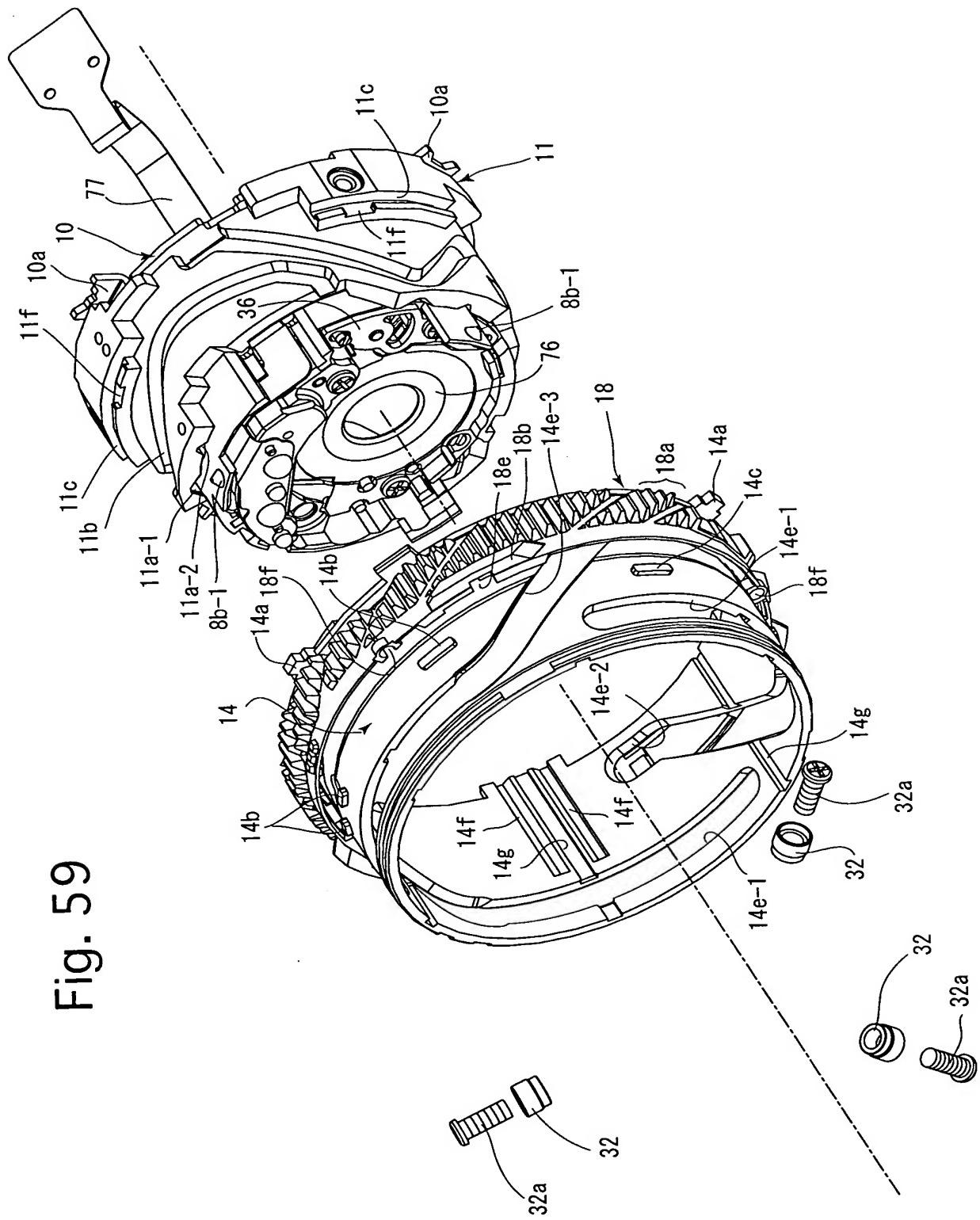


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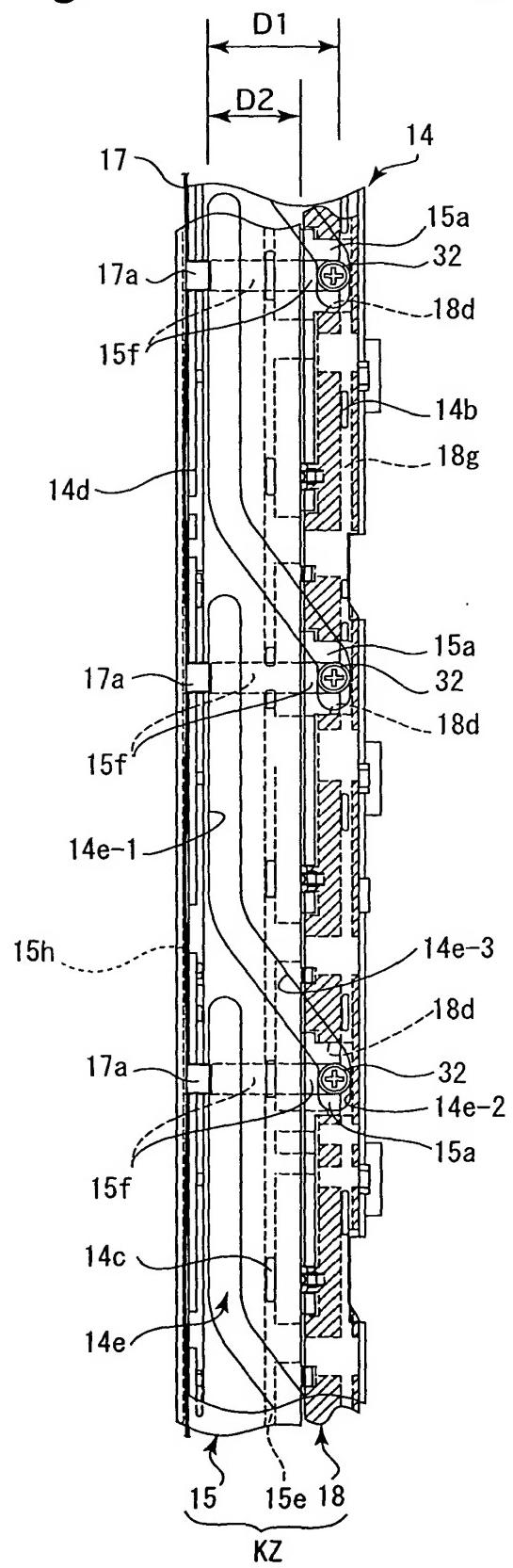


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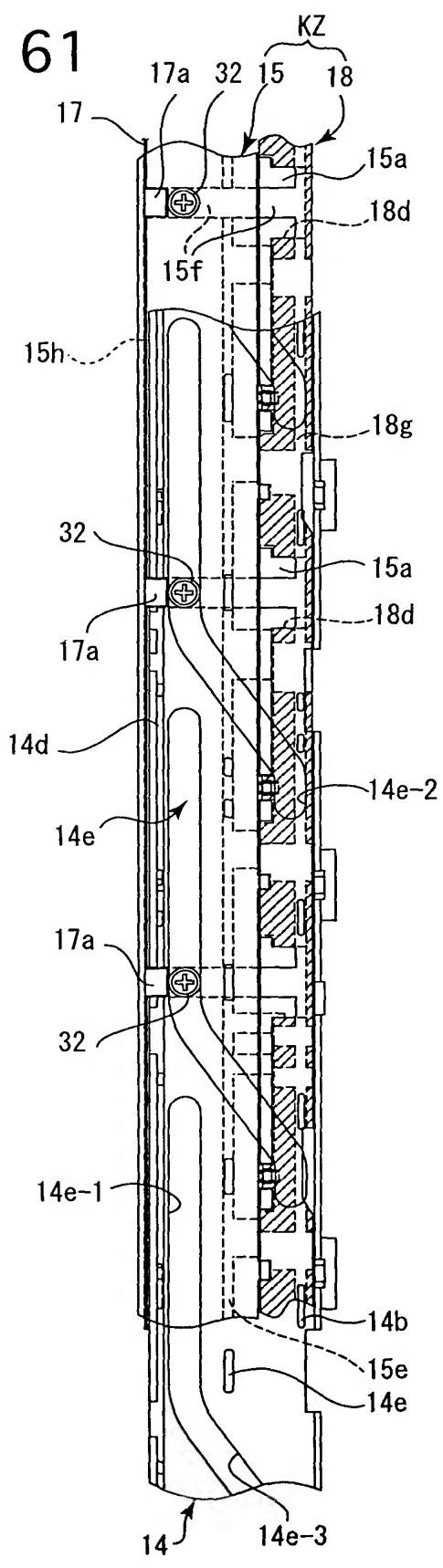


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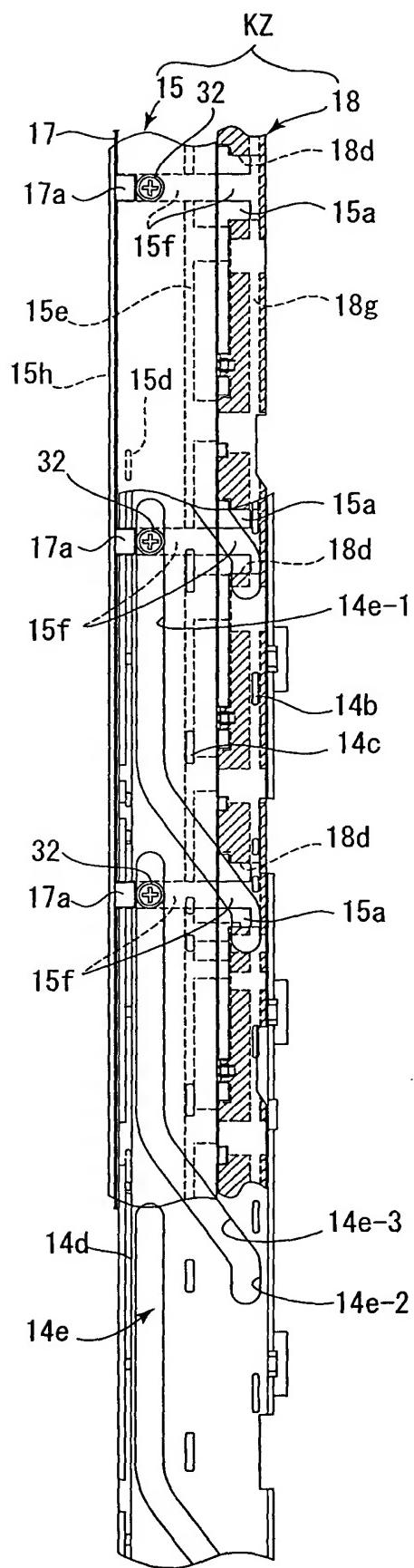


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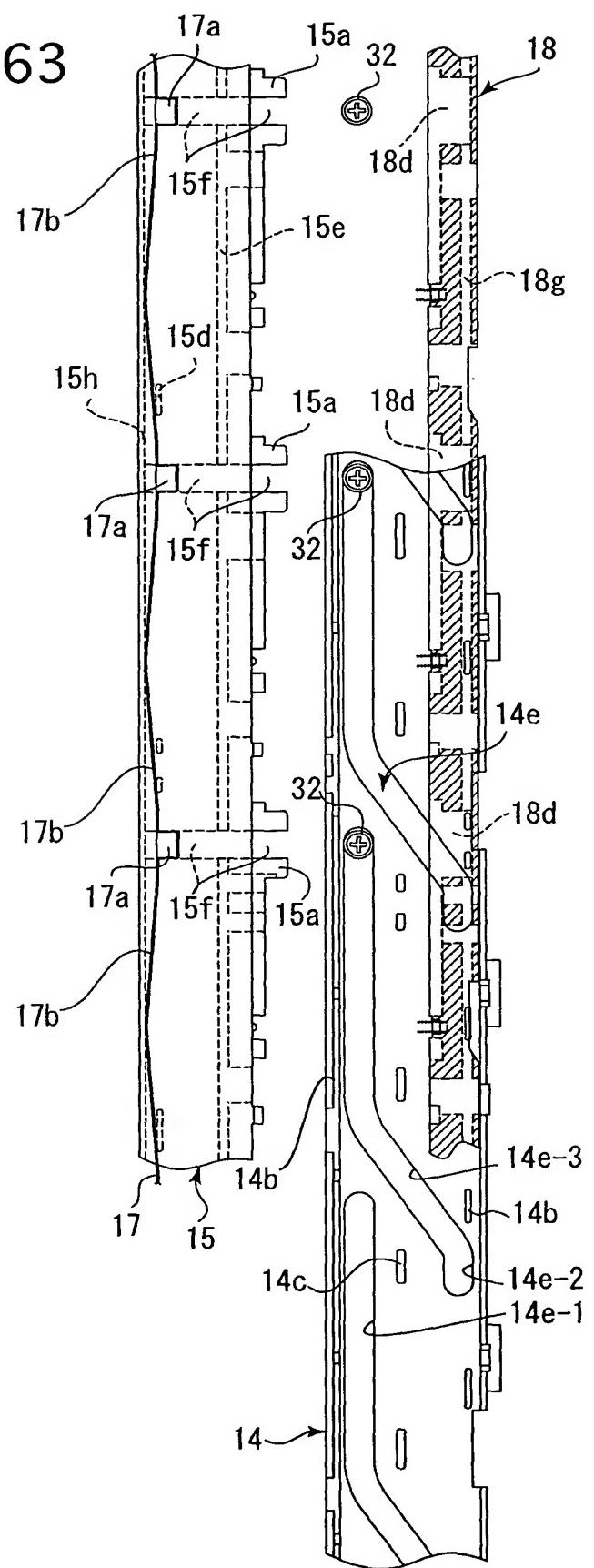


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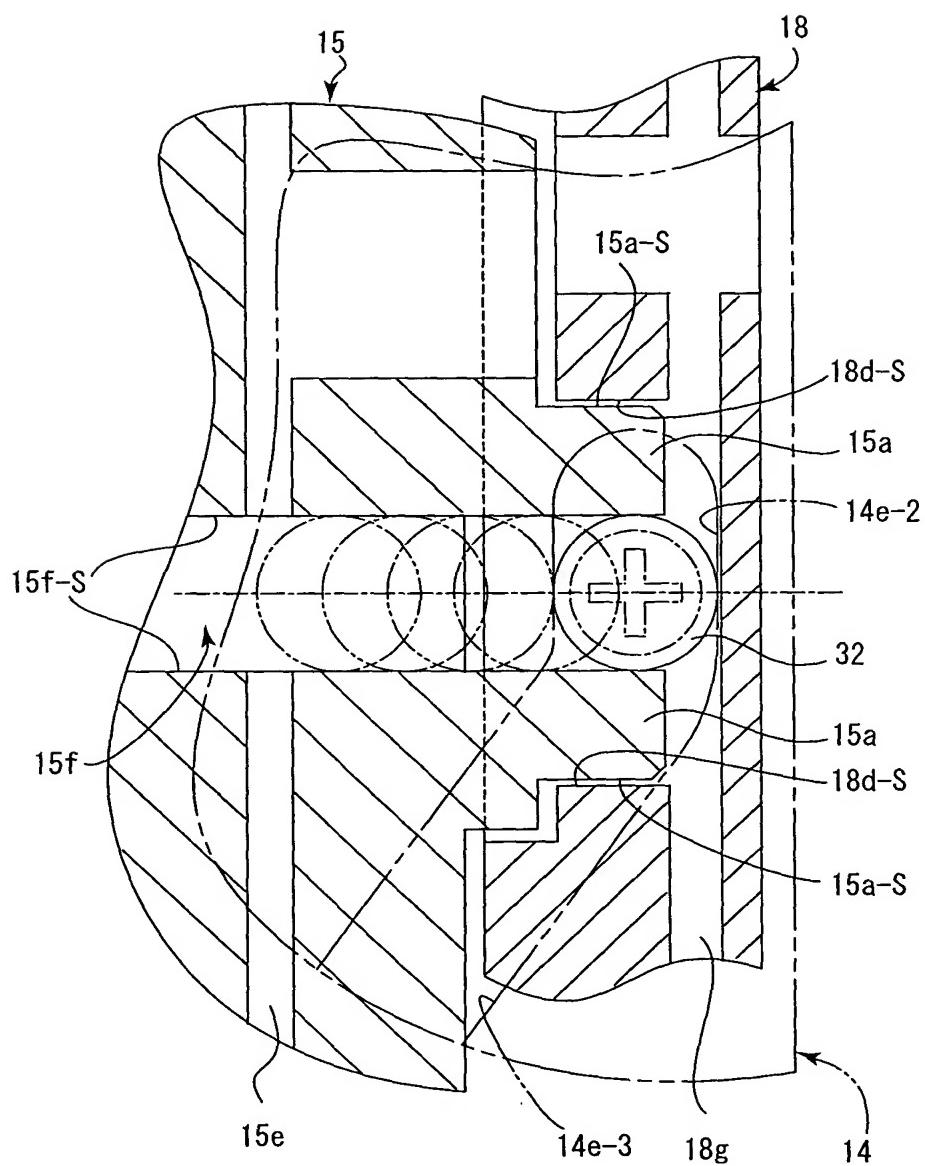
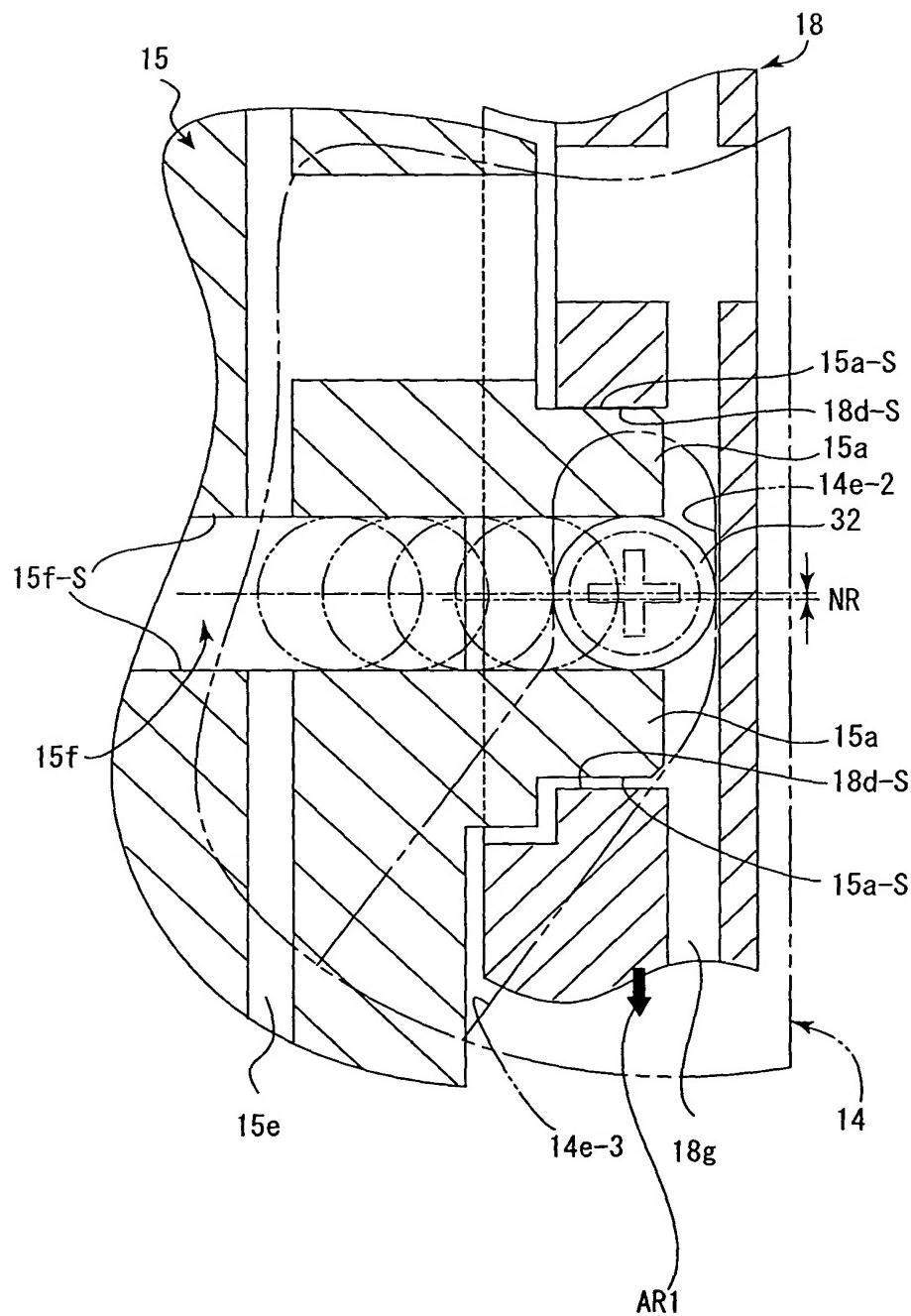


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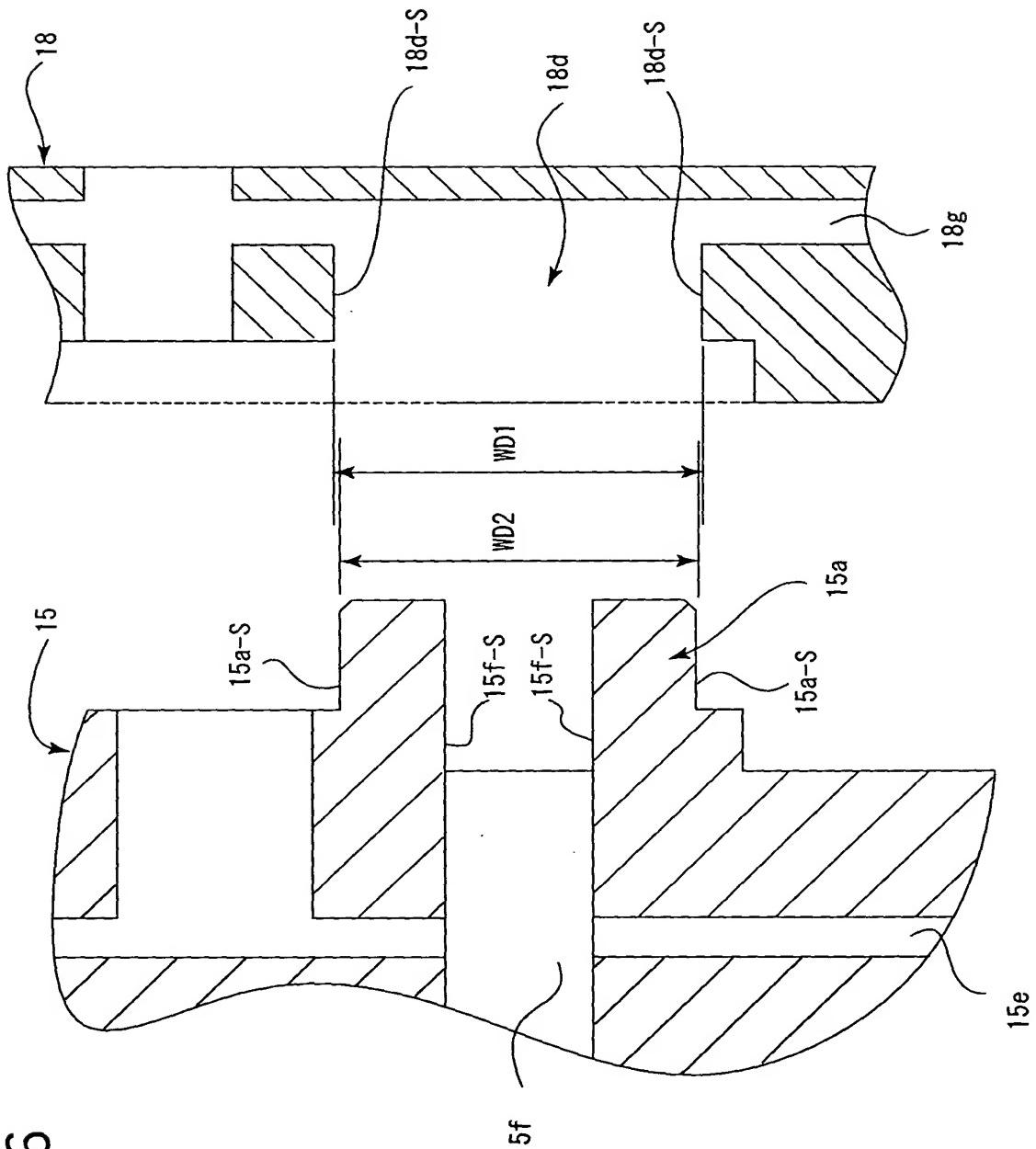


Fig. 66

Fig. 67

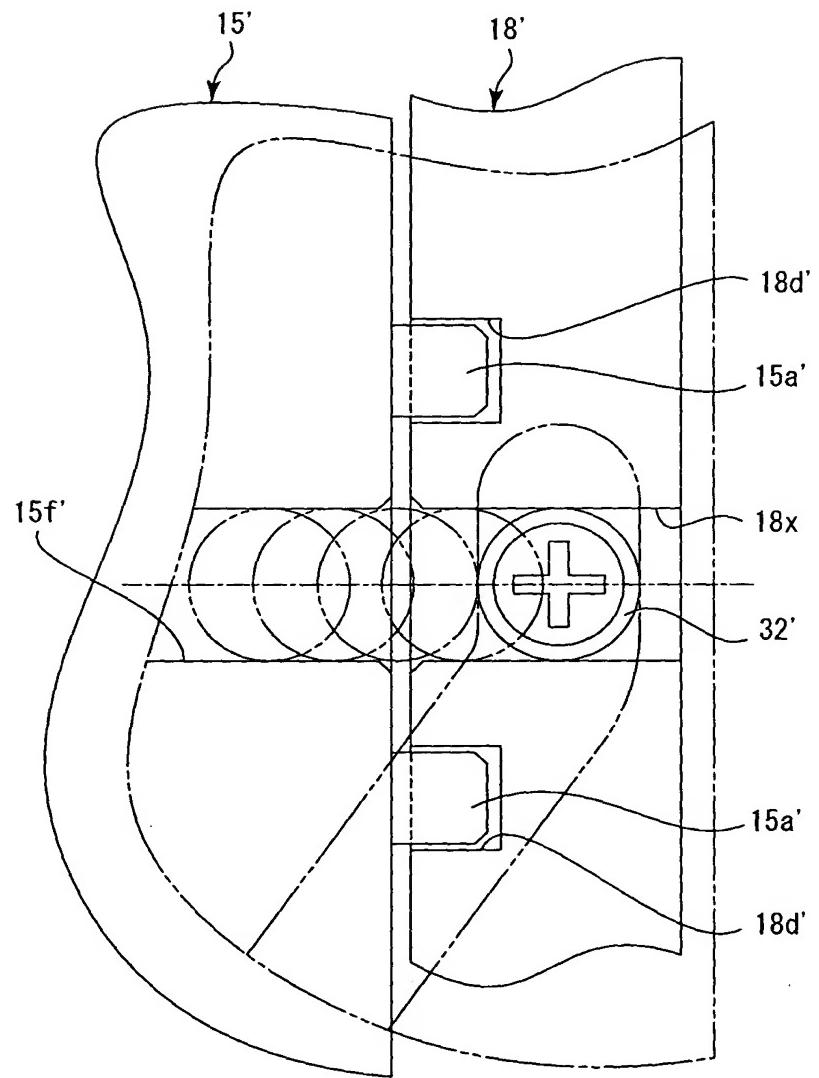


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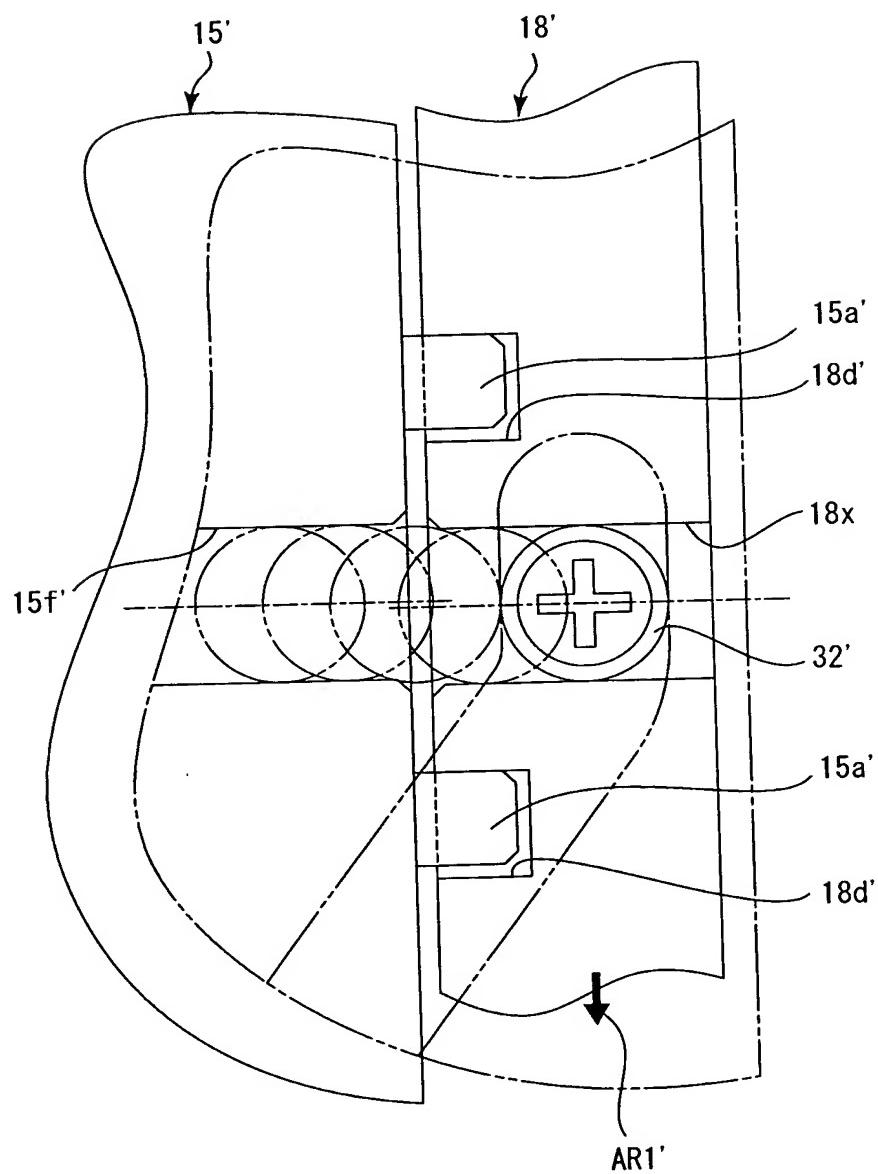


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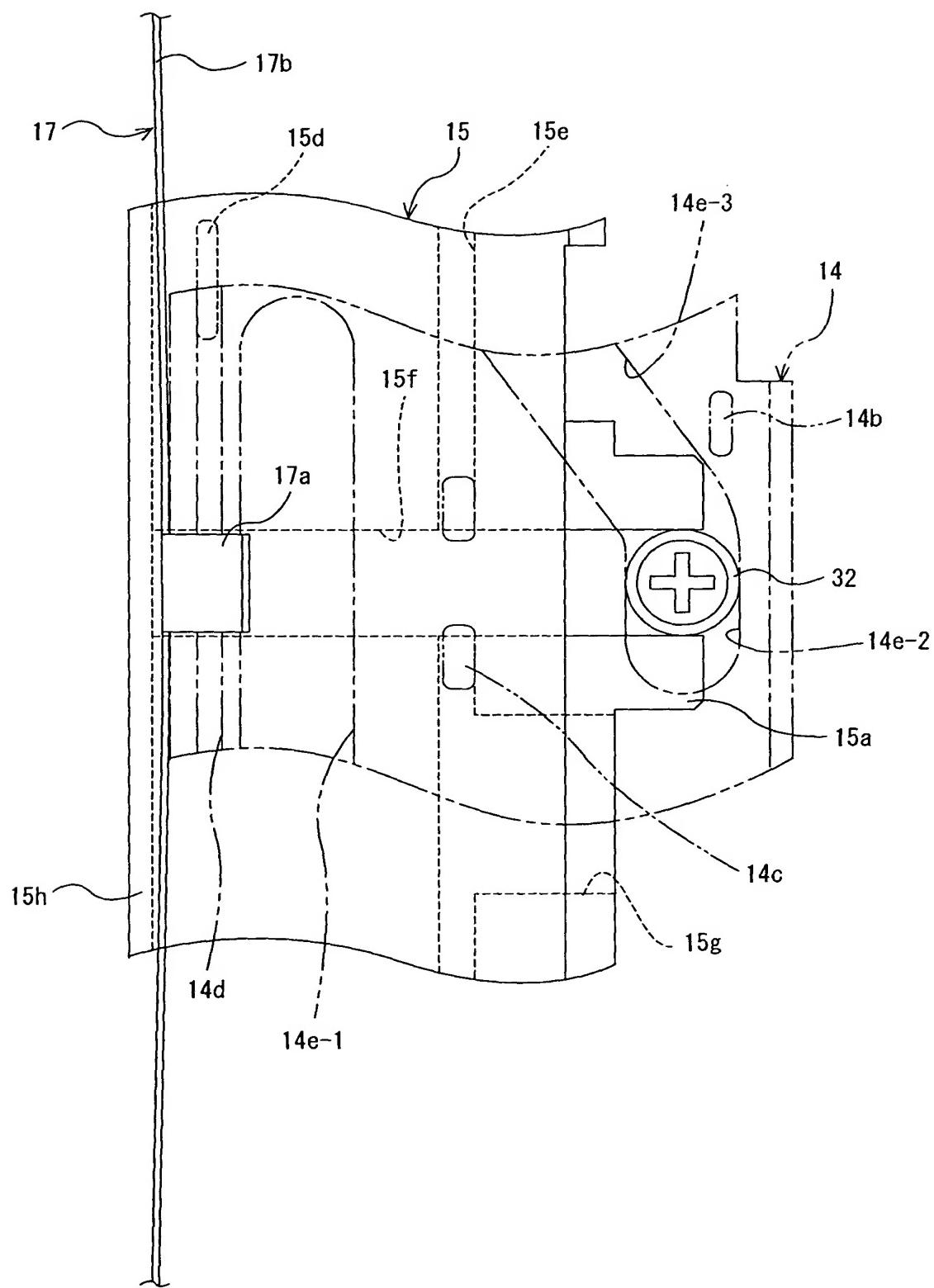


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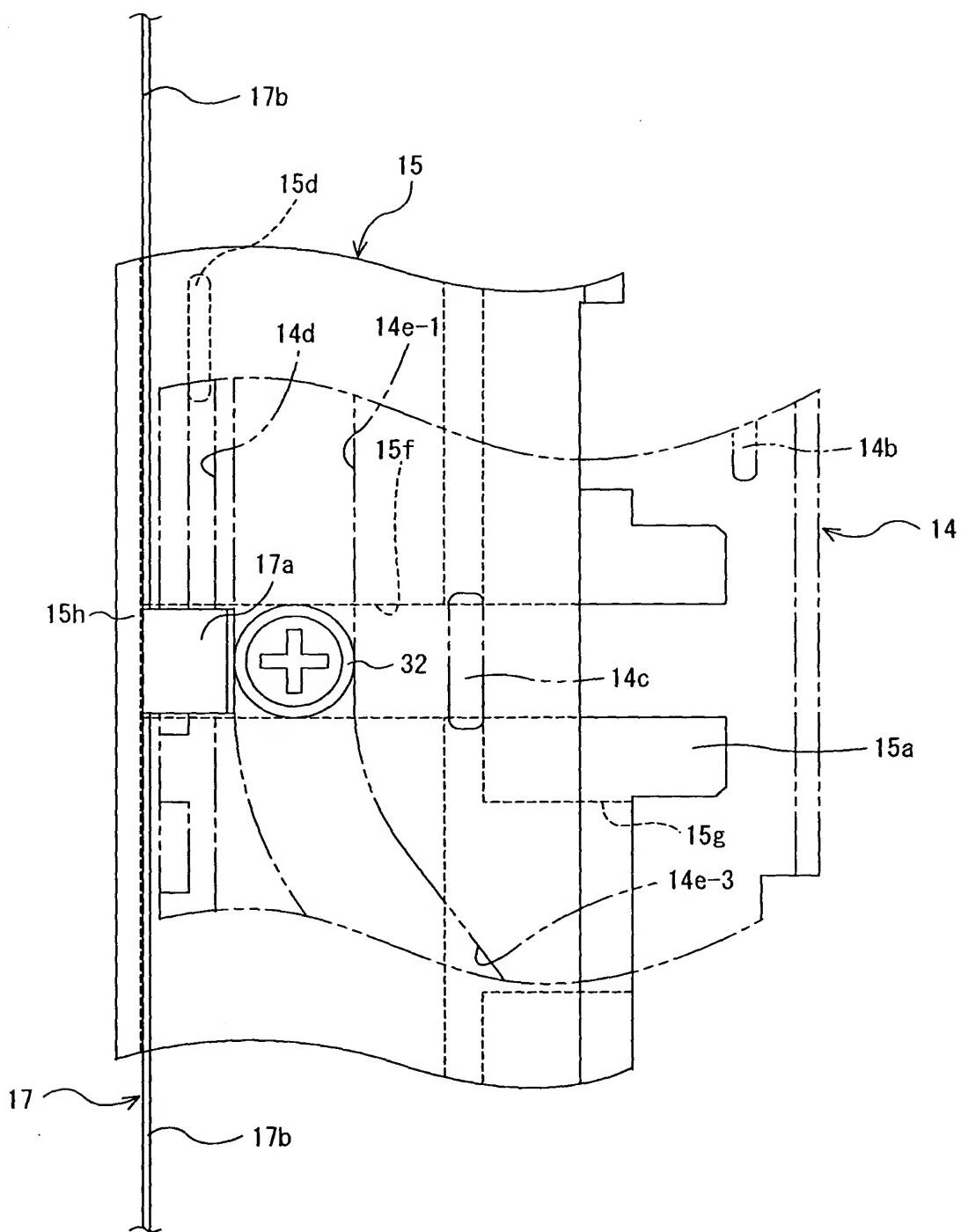


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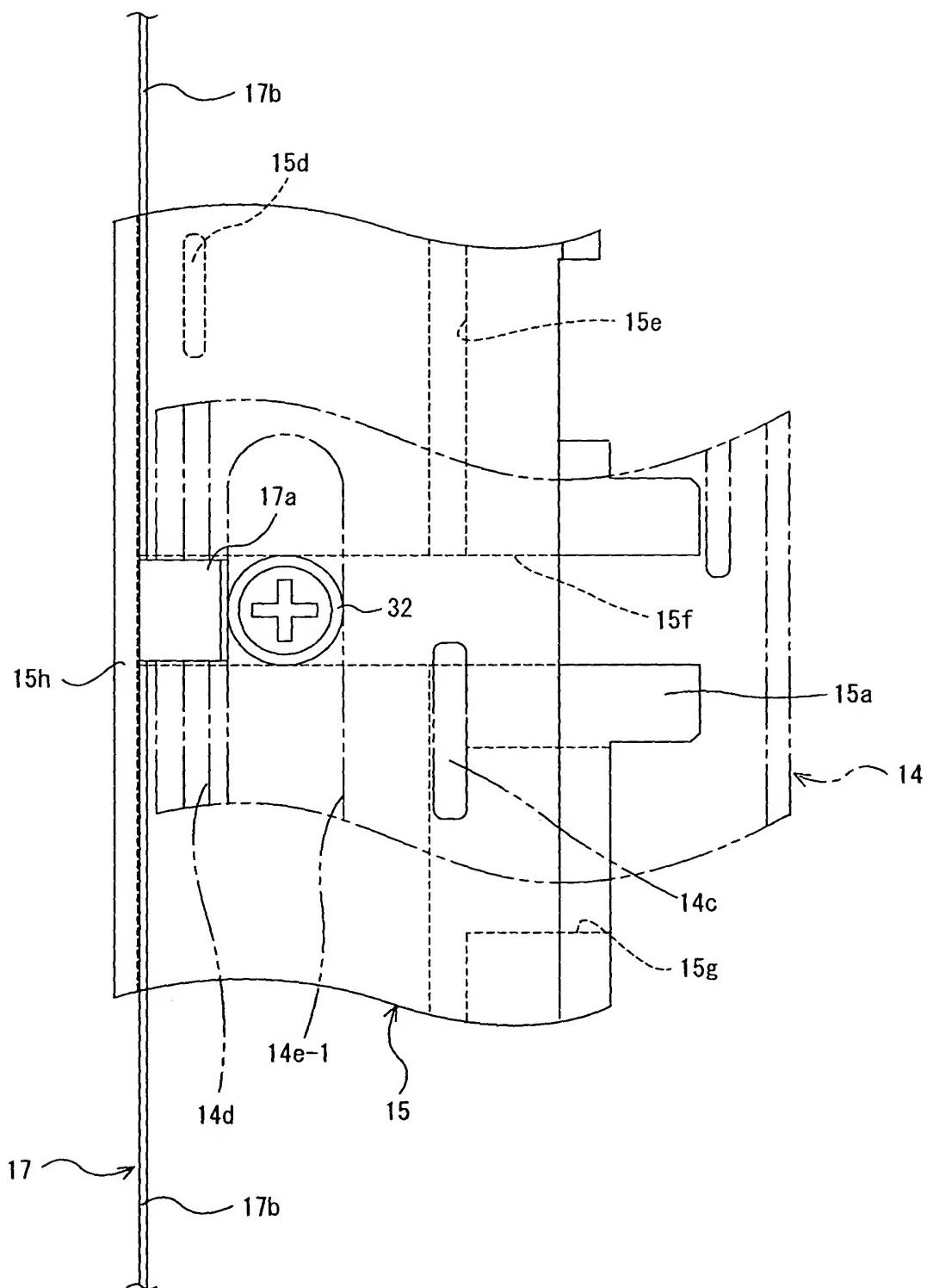


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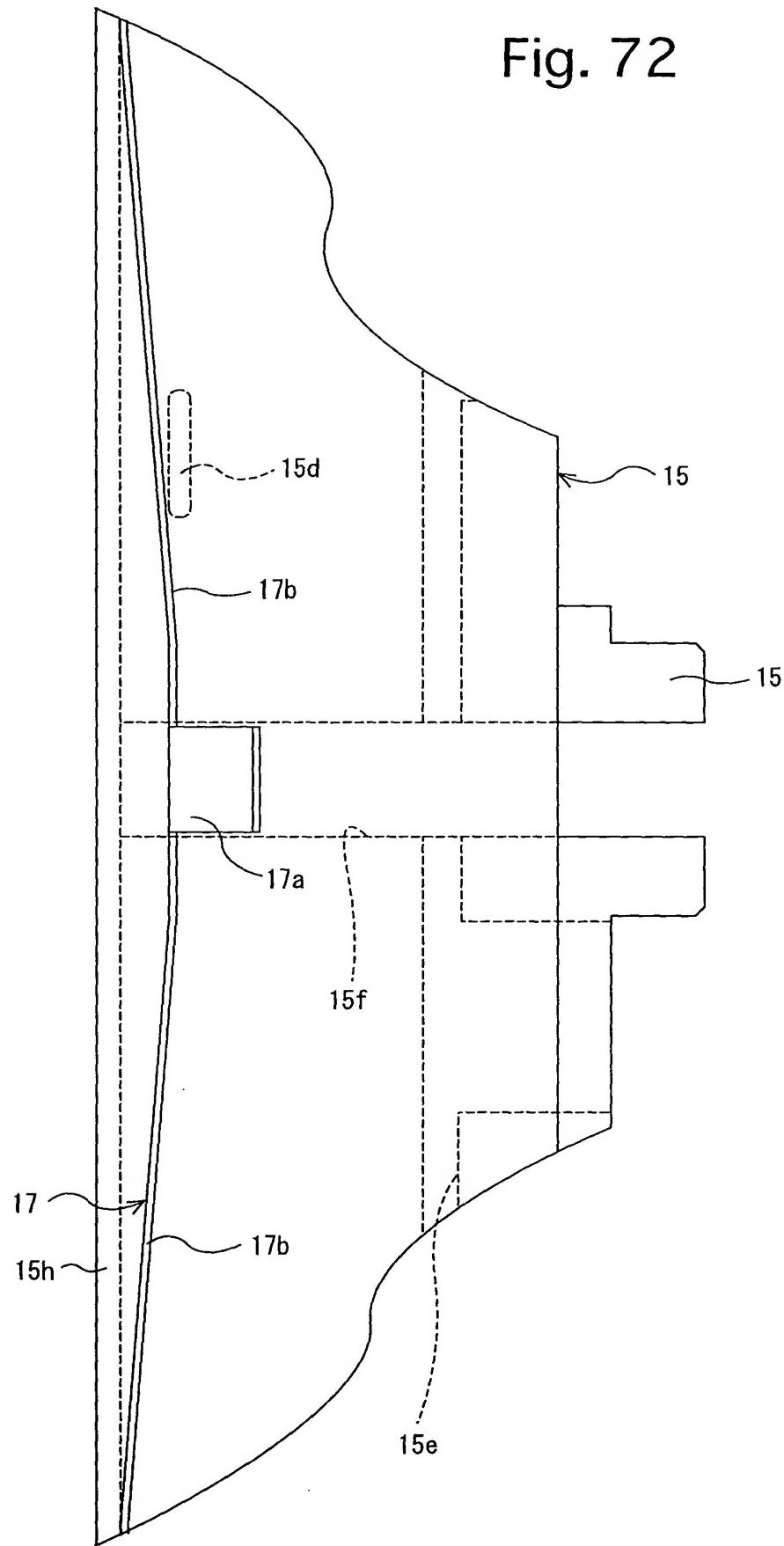


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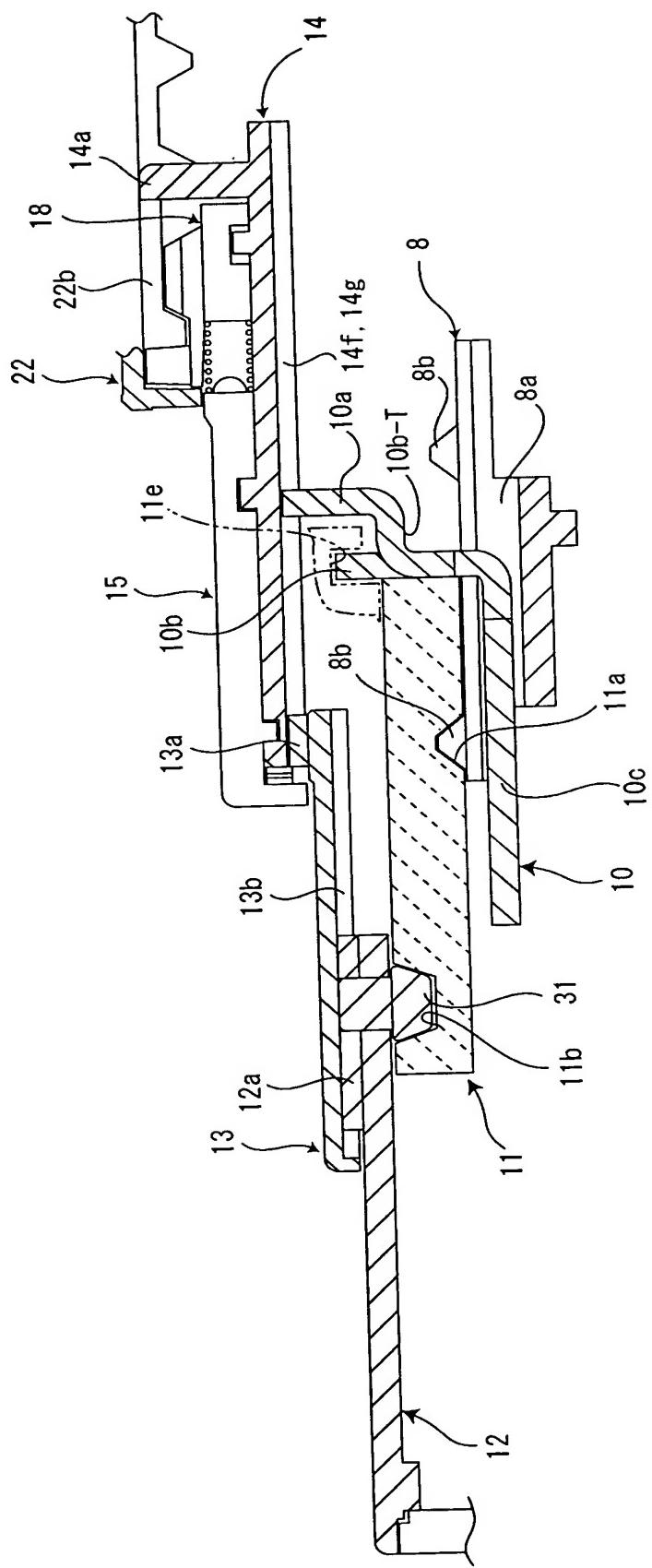


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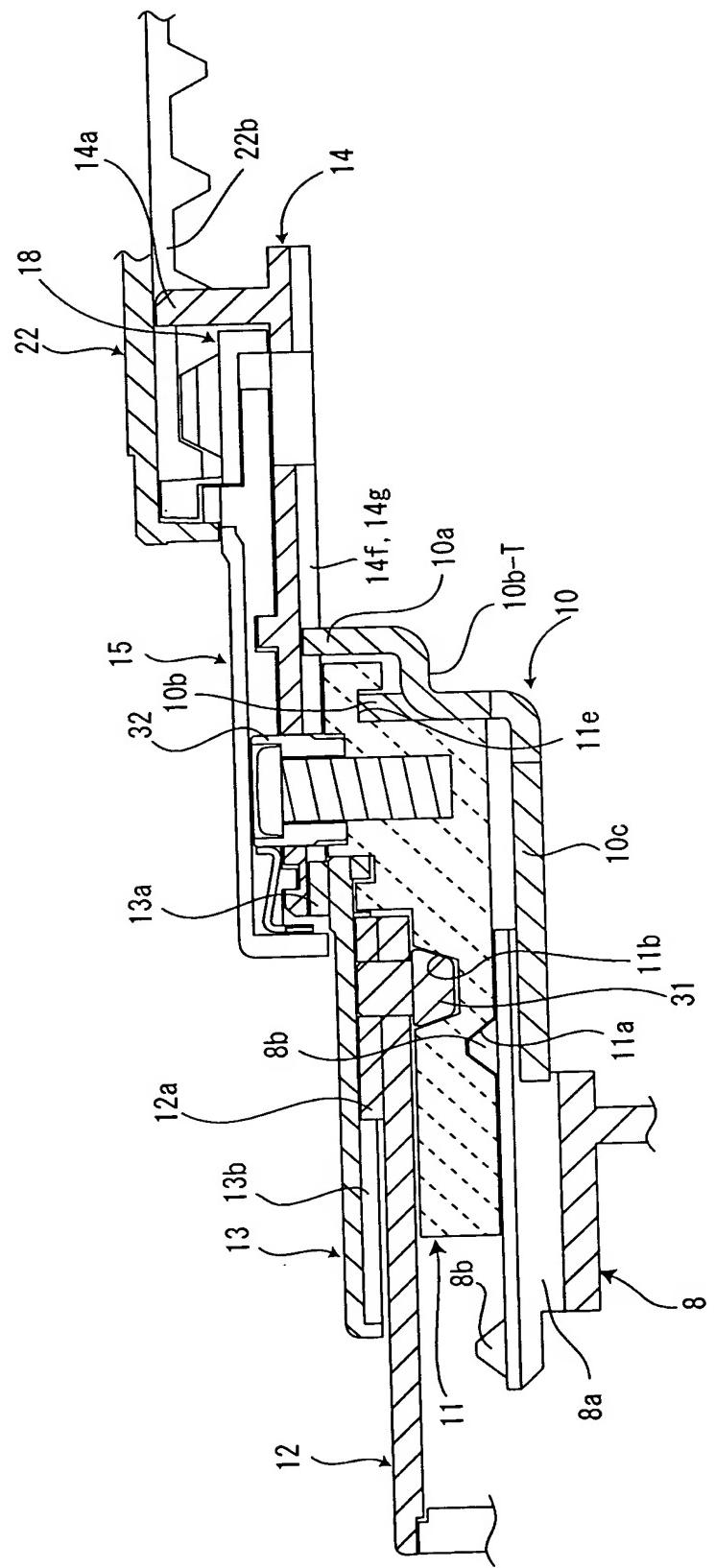


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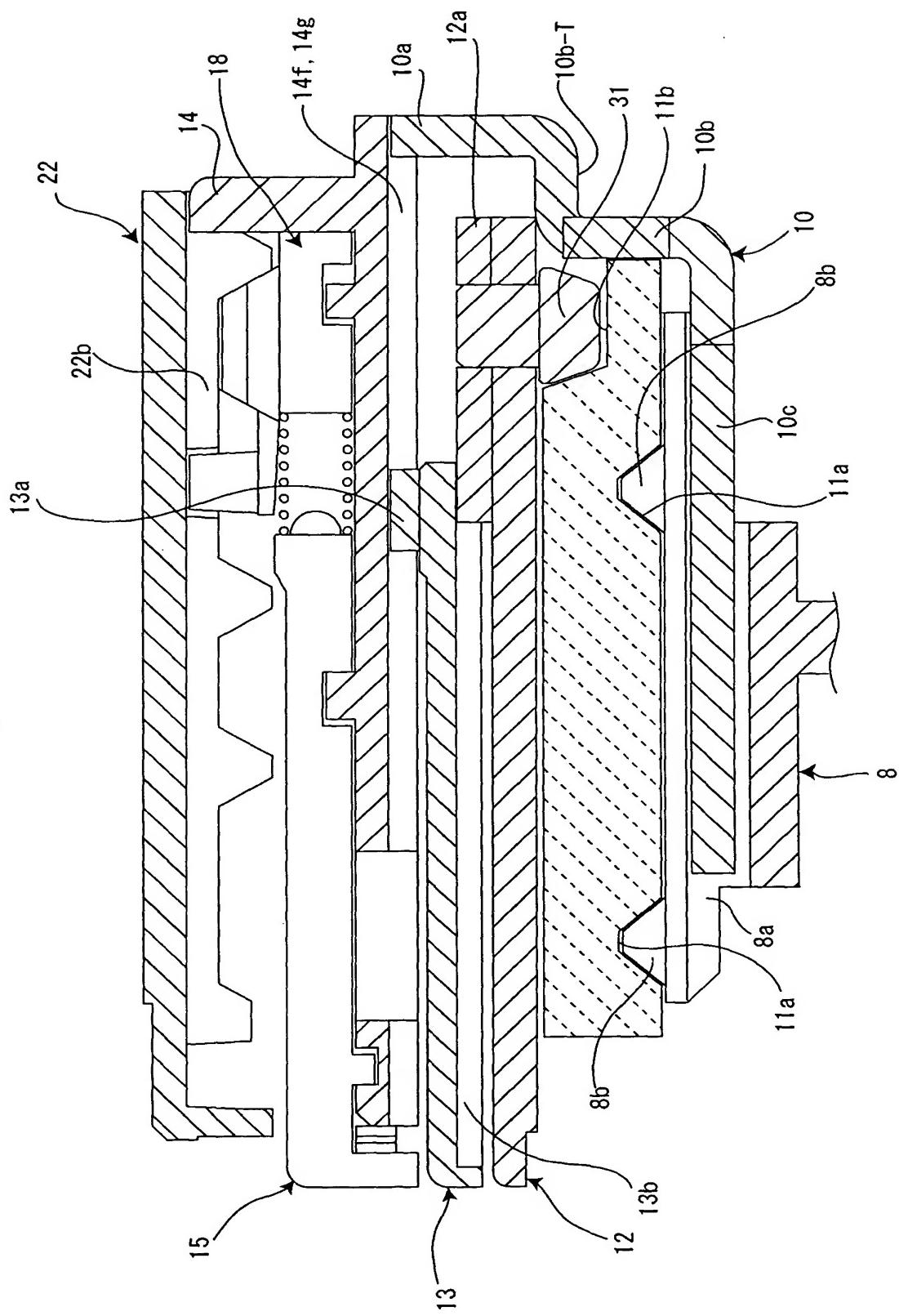


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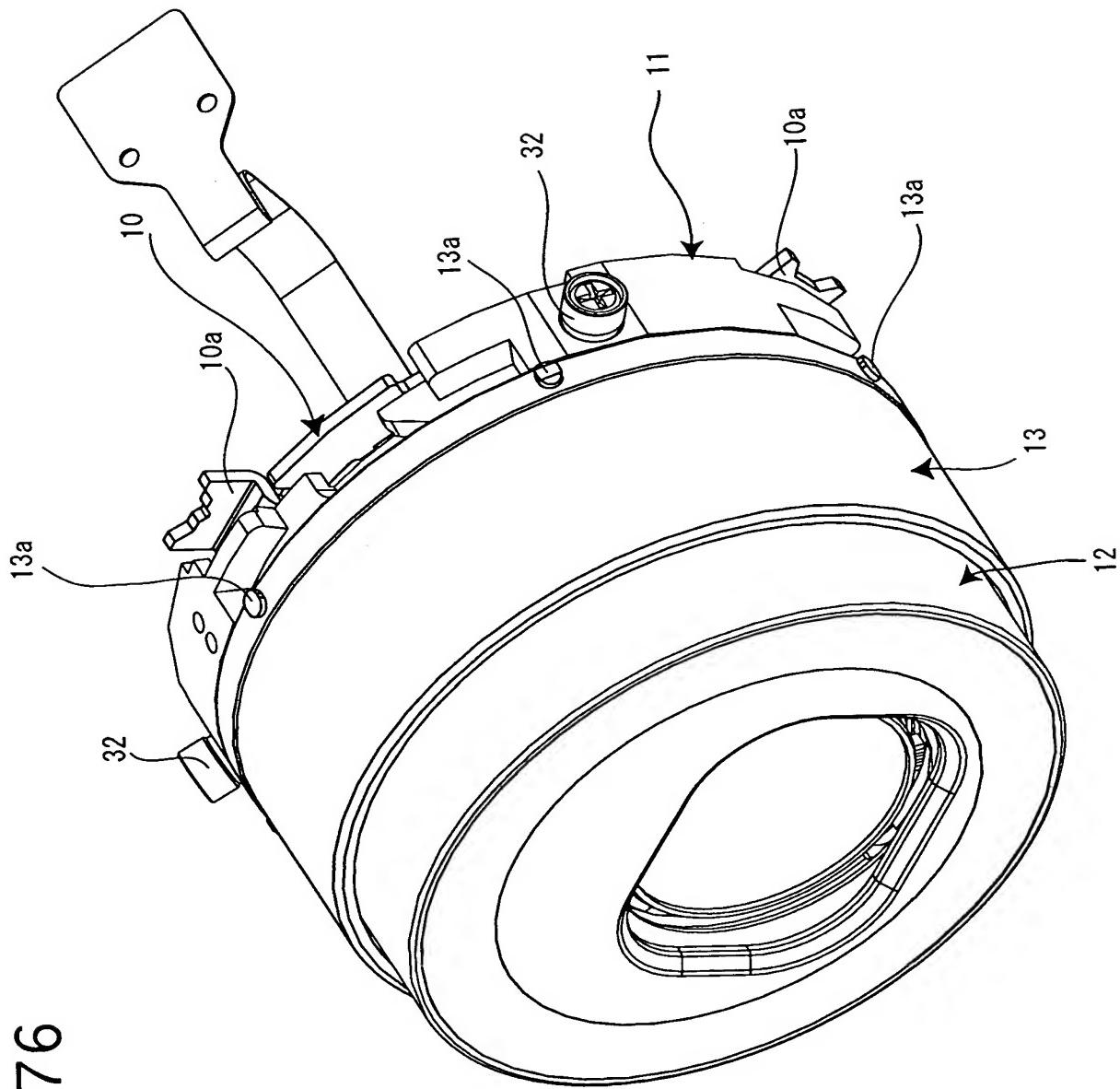


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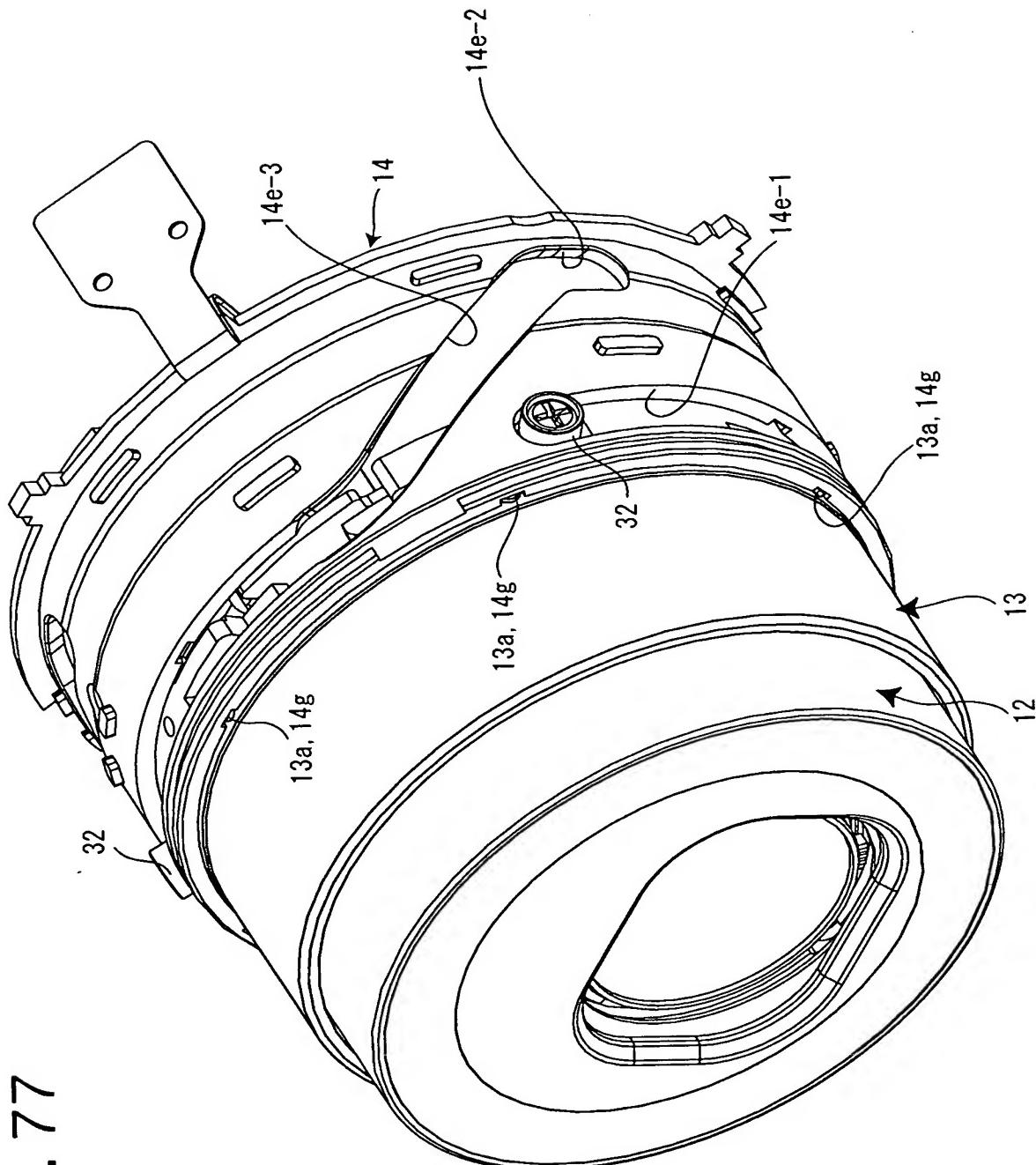


Fig. 78

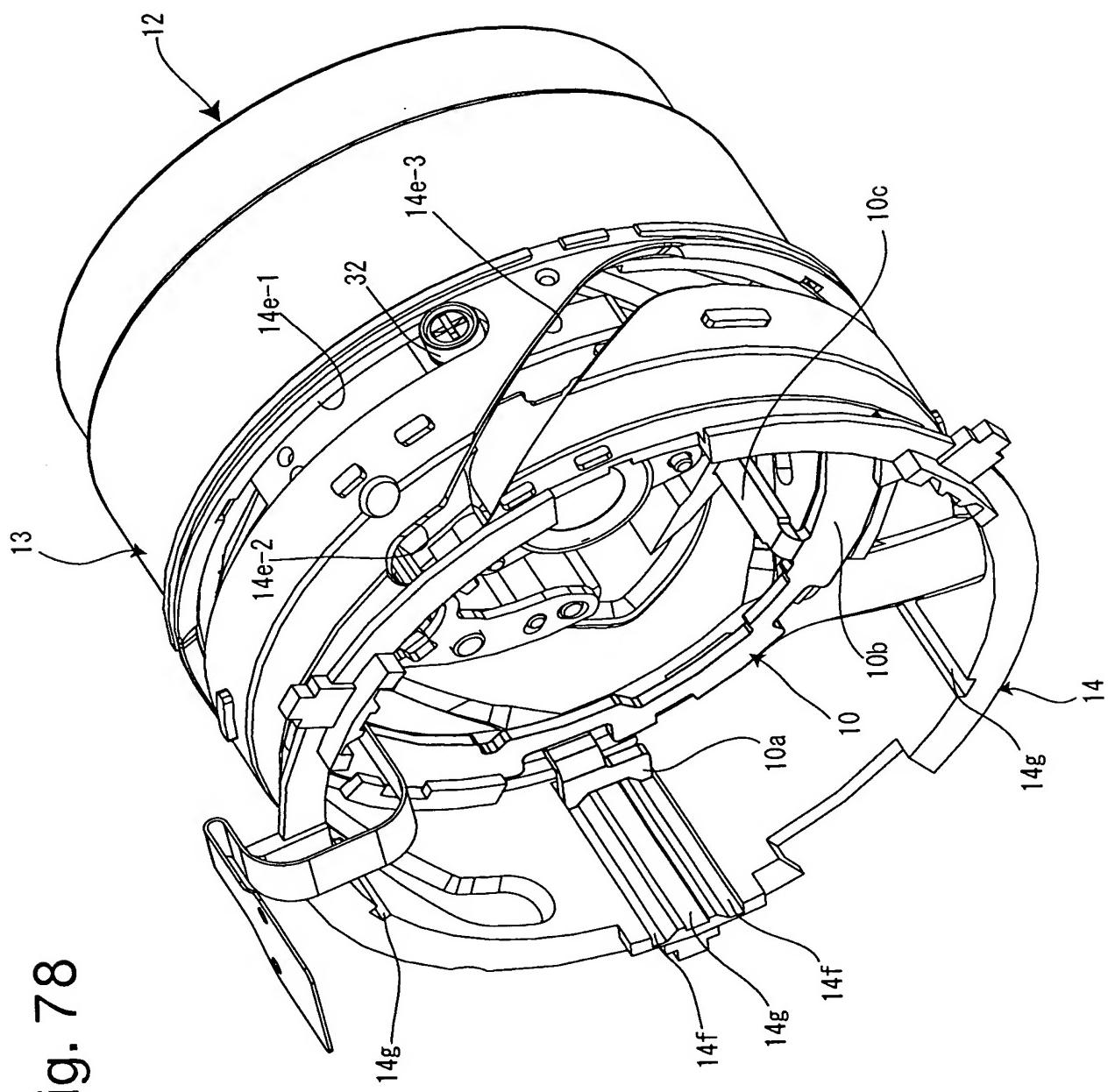


Fig . 79

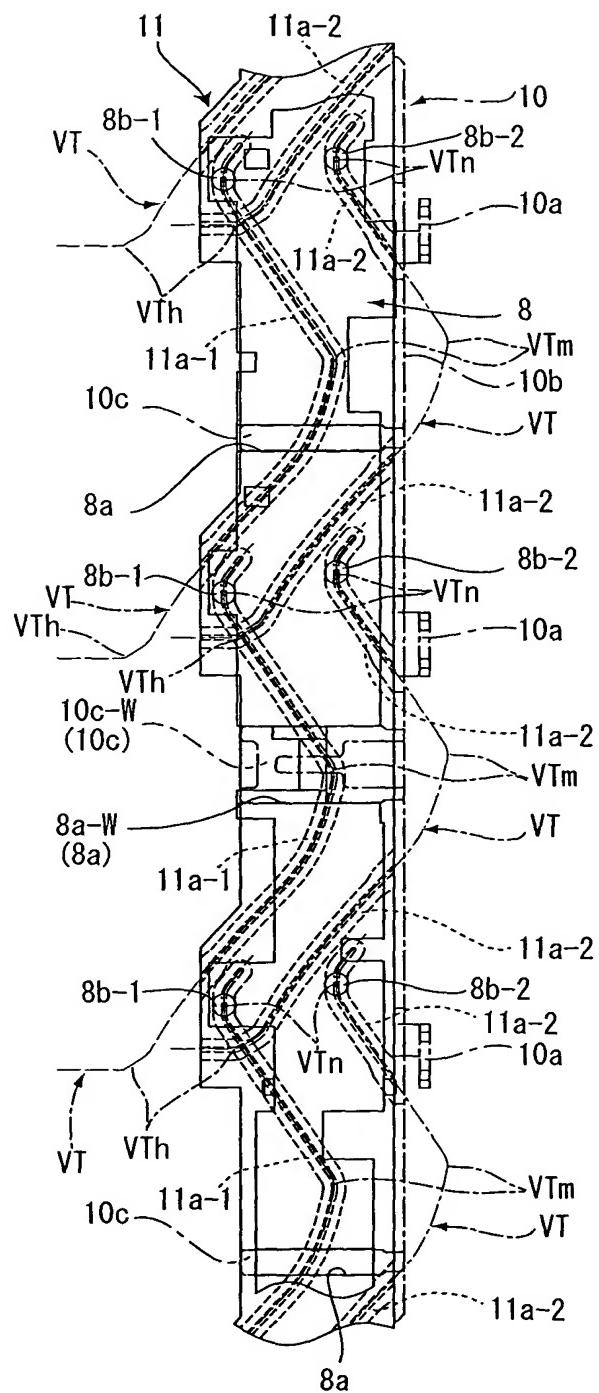


Fig. 80

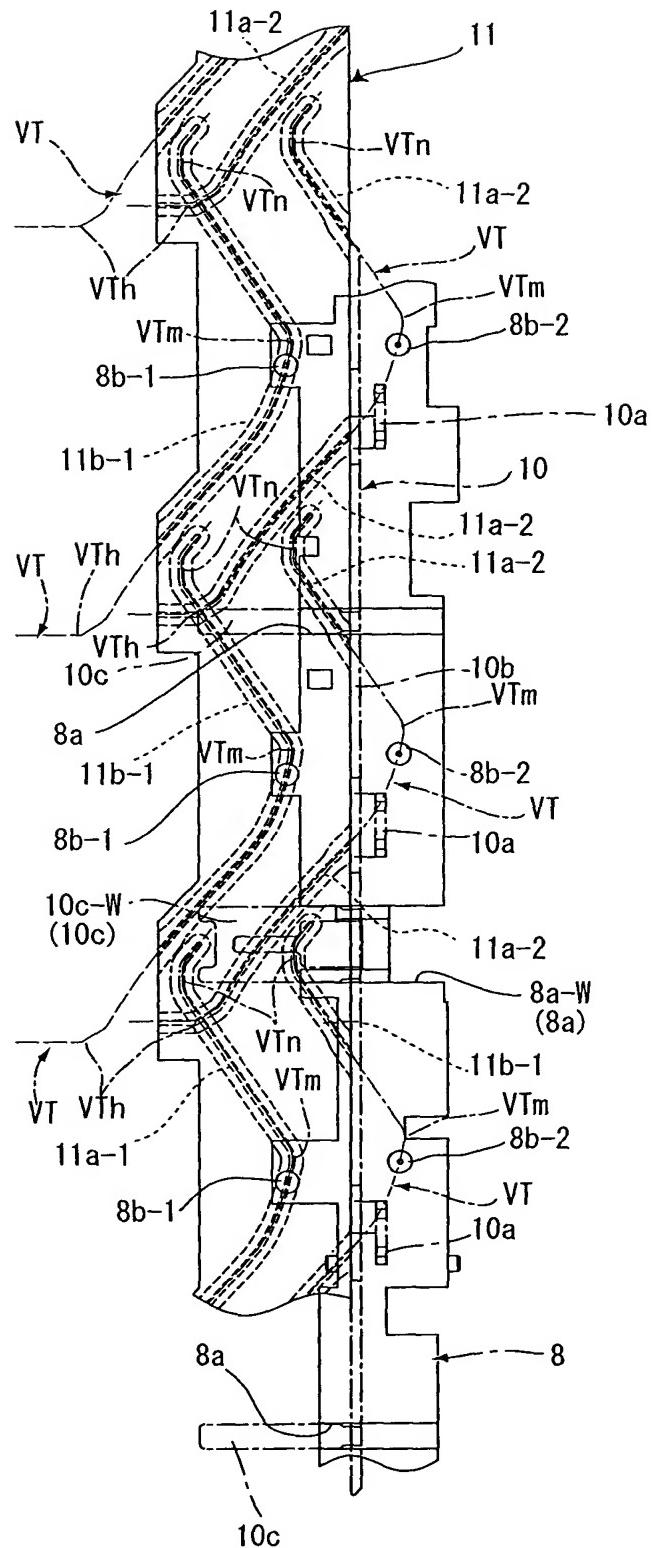


Fig . 81

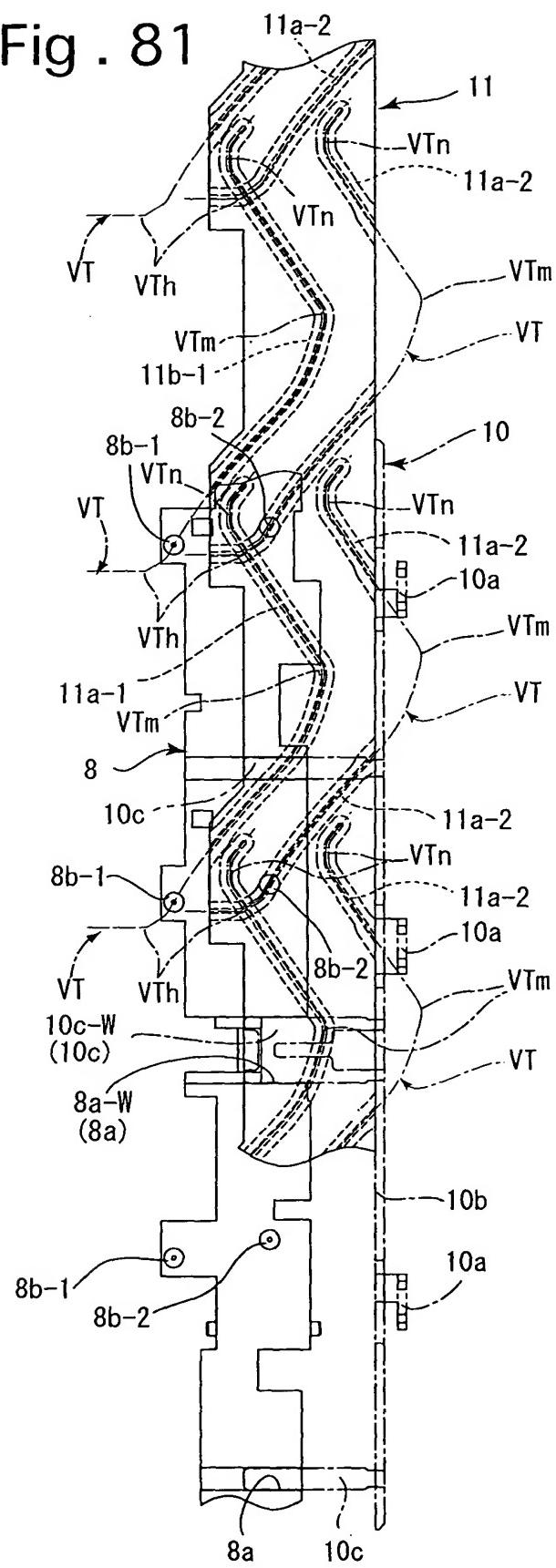


Fig . 82

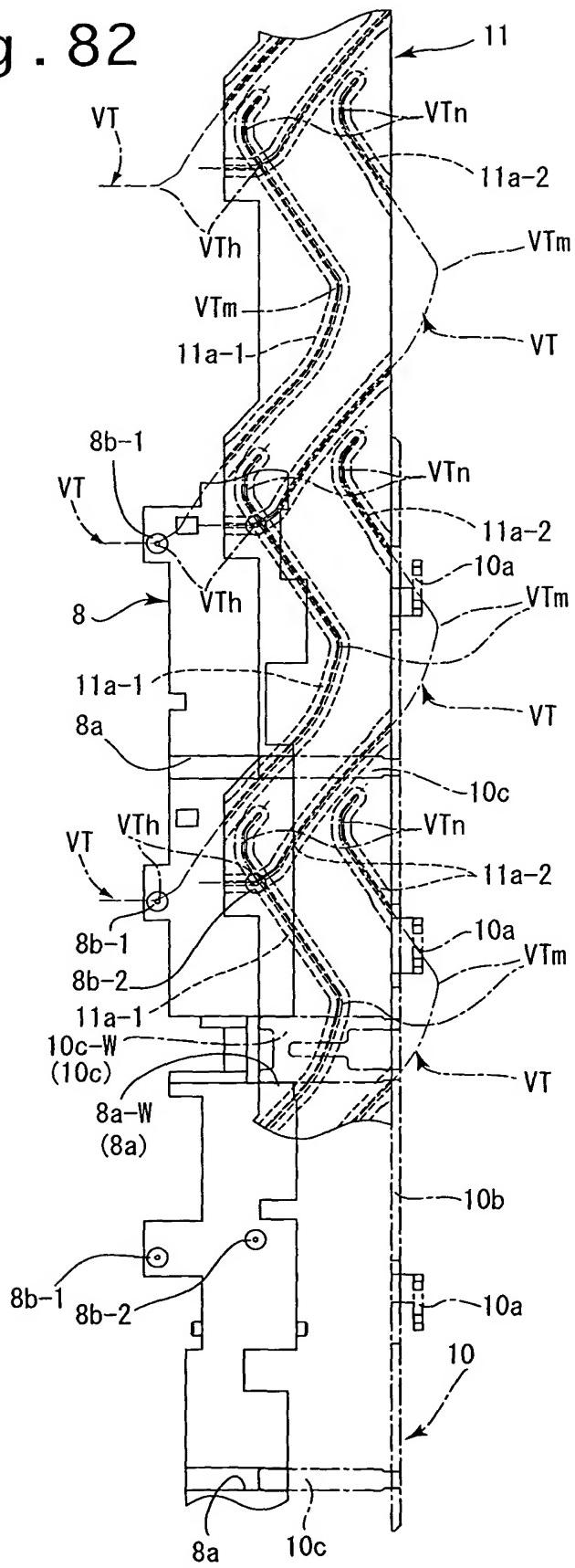
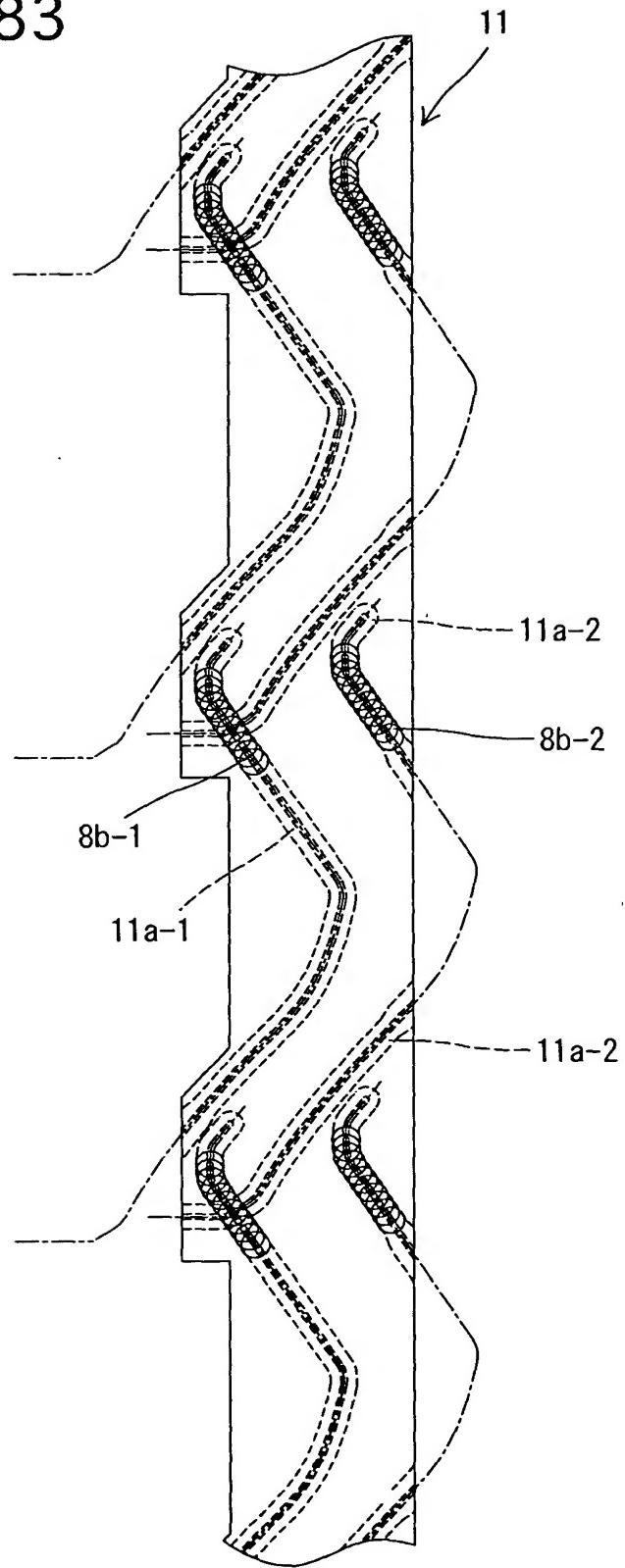


Fig. 83



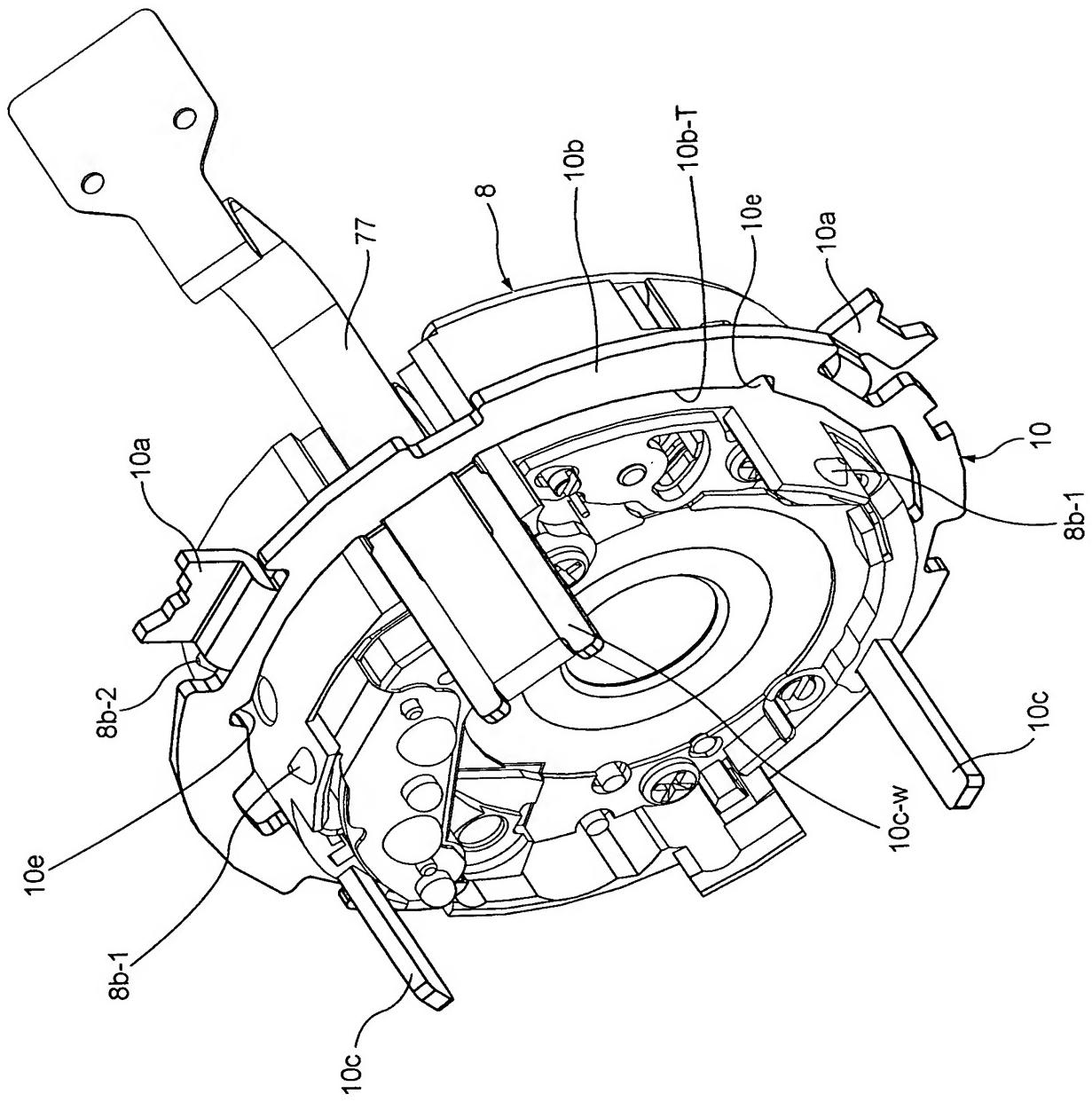


Fig. 84

Fig. 85

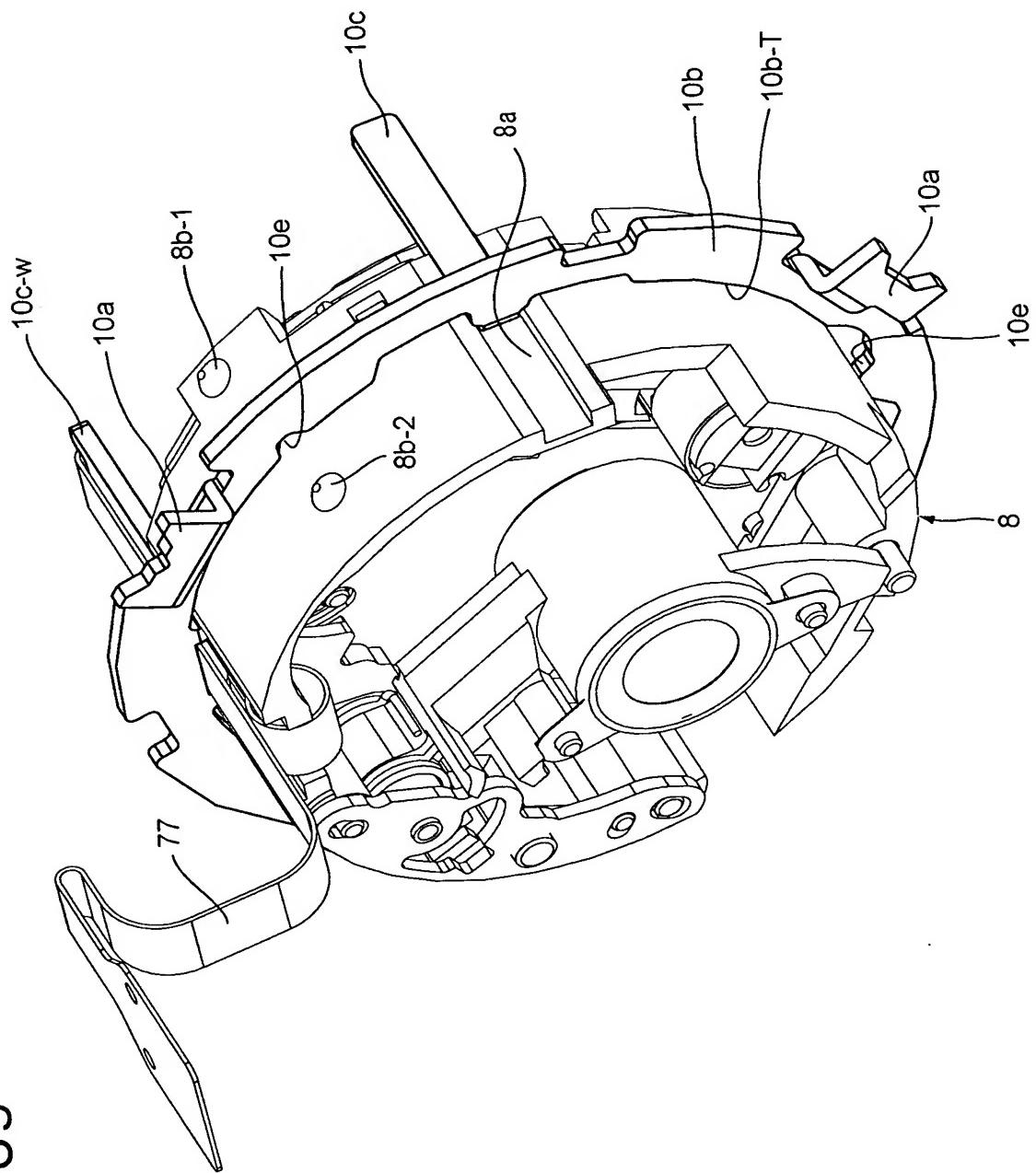


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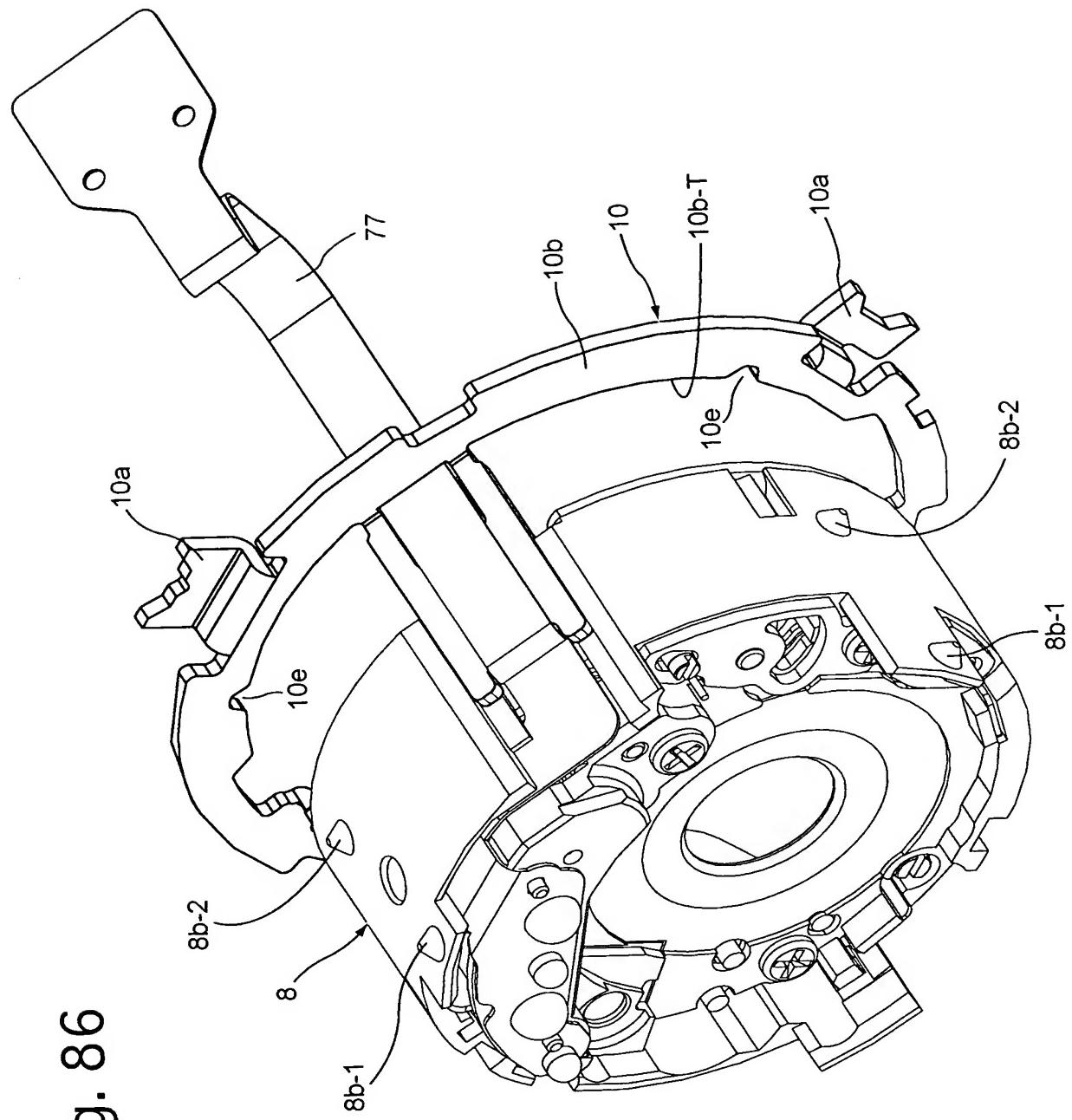


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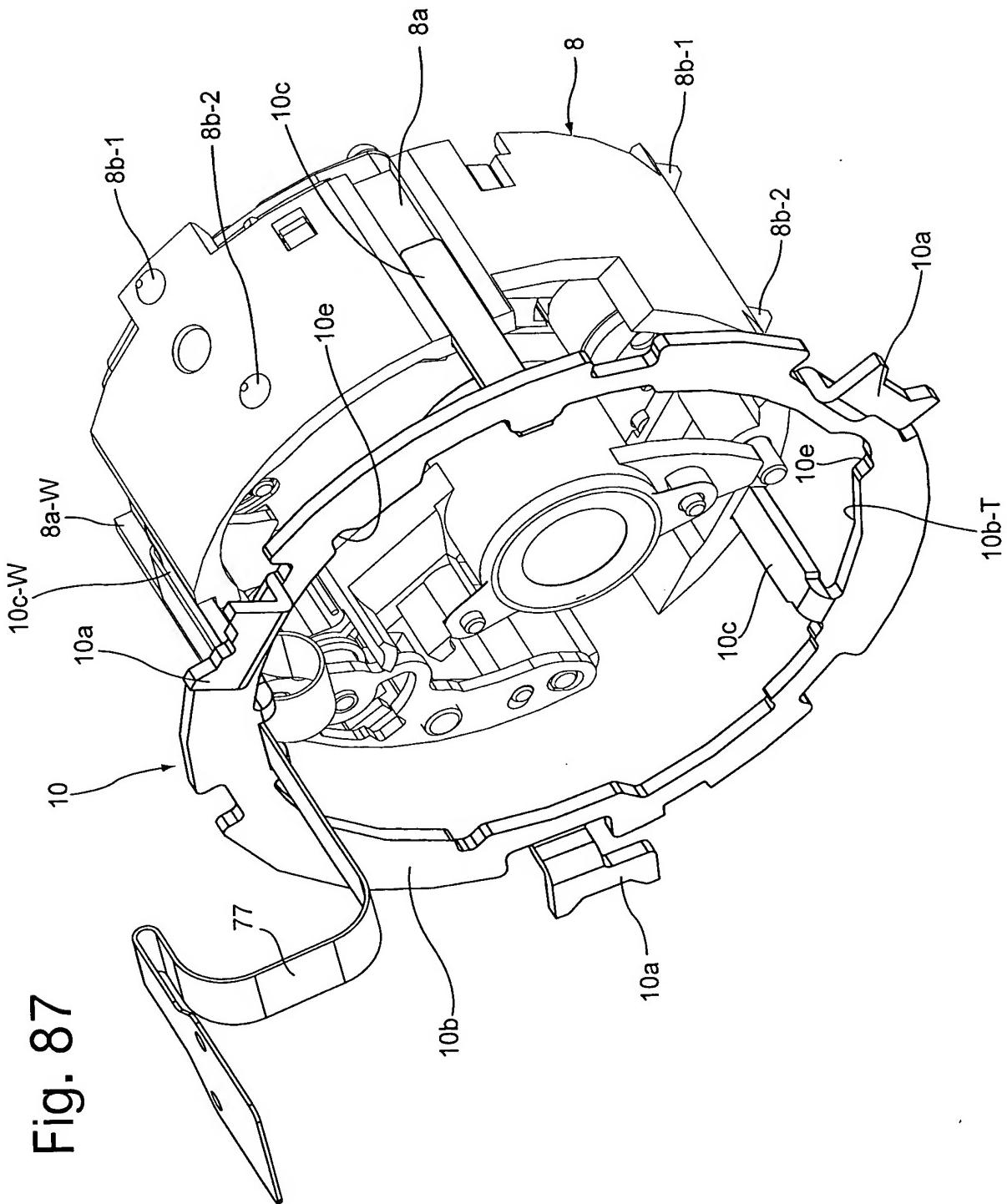


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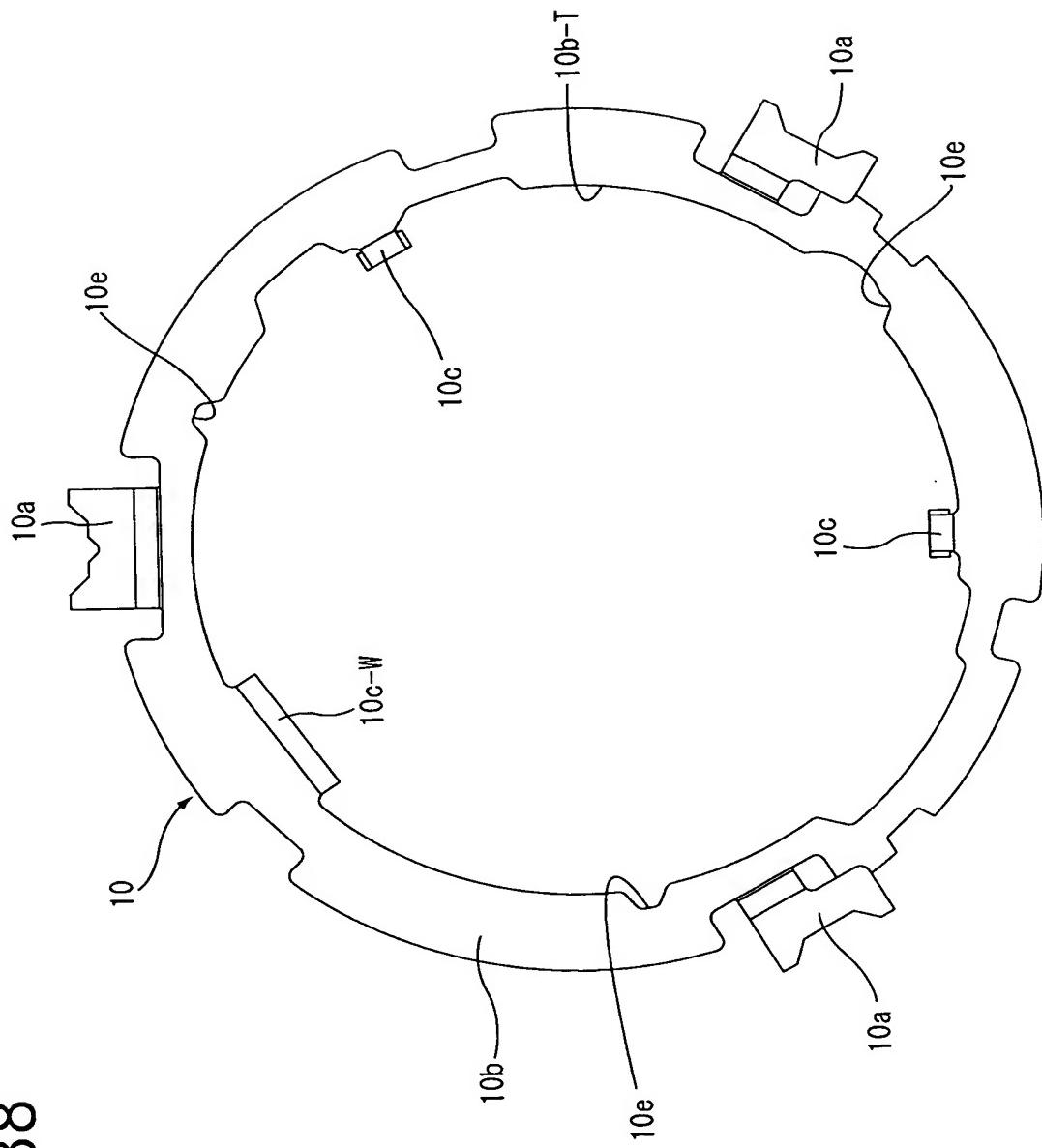


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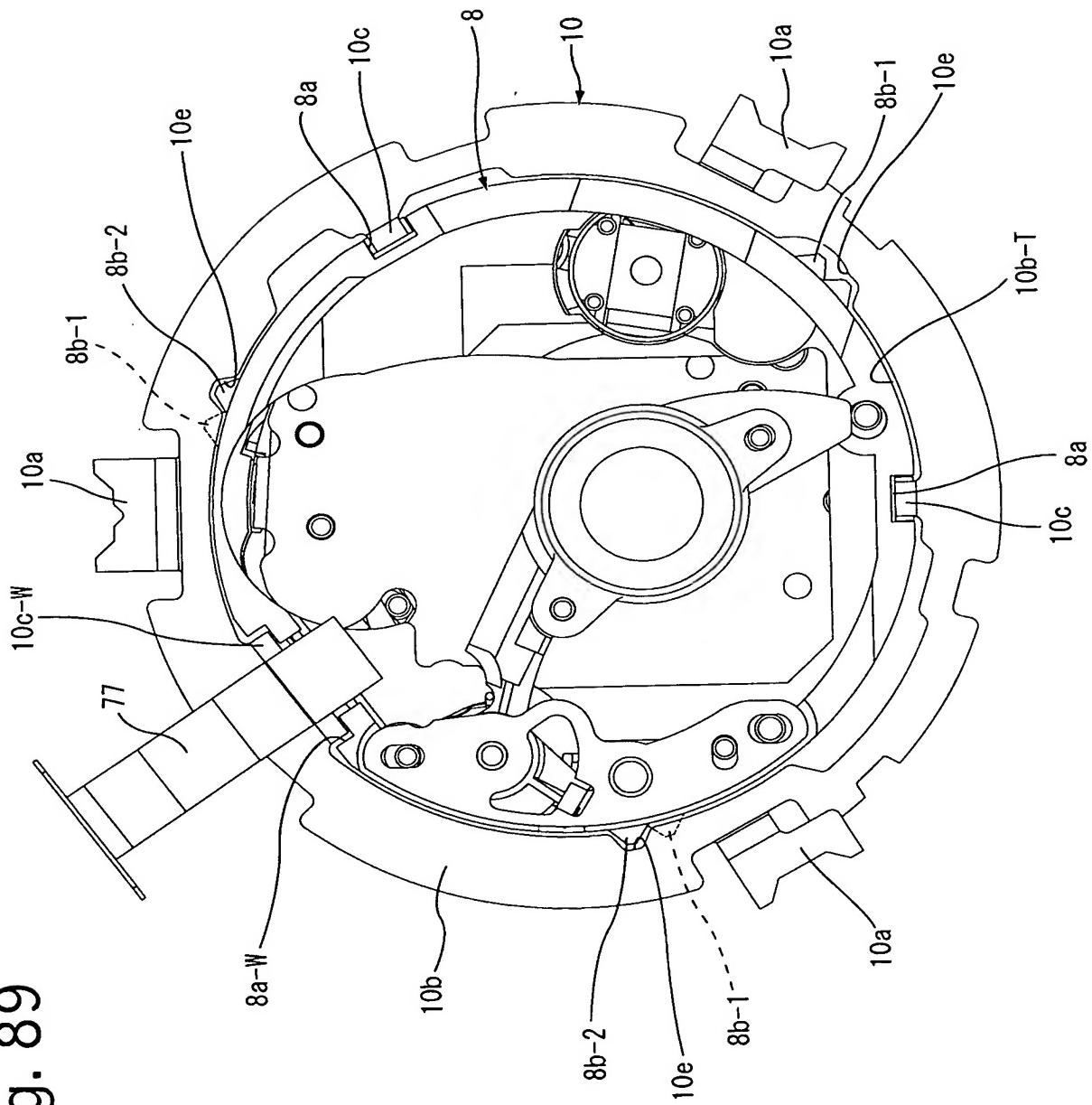


Fig. 90

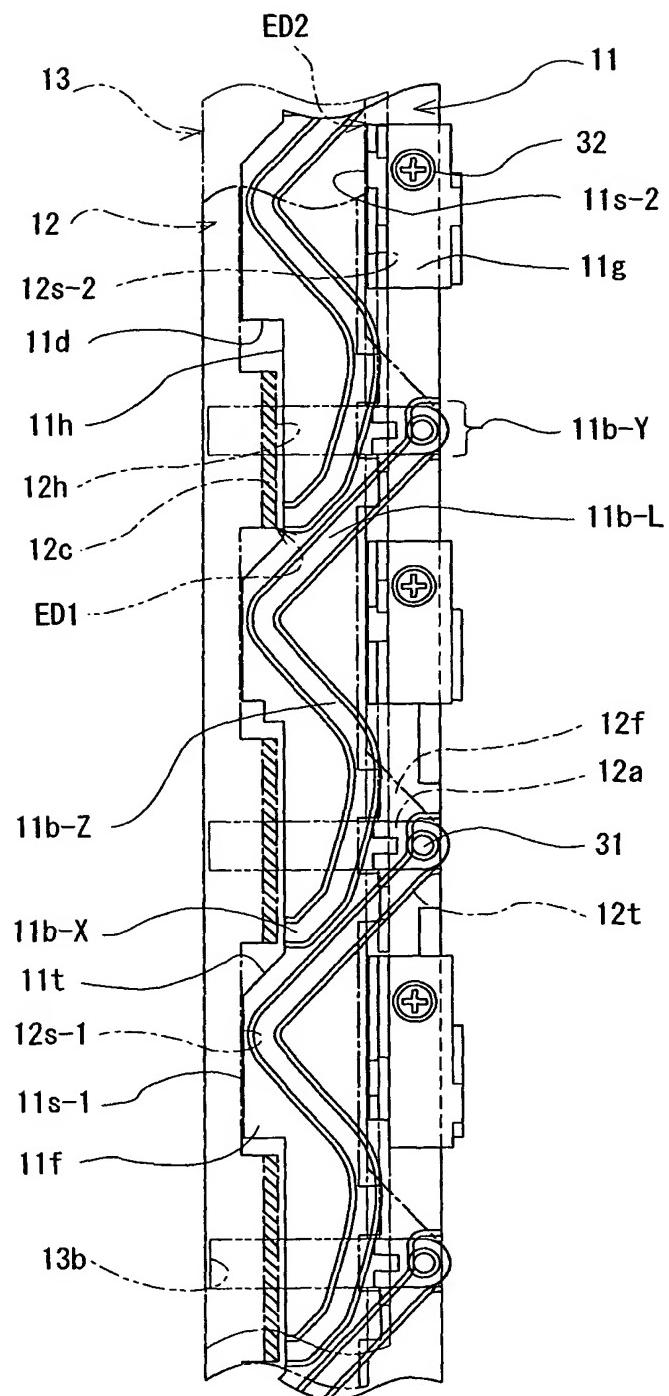


Fig. 91

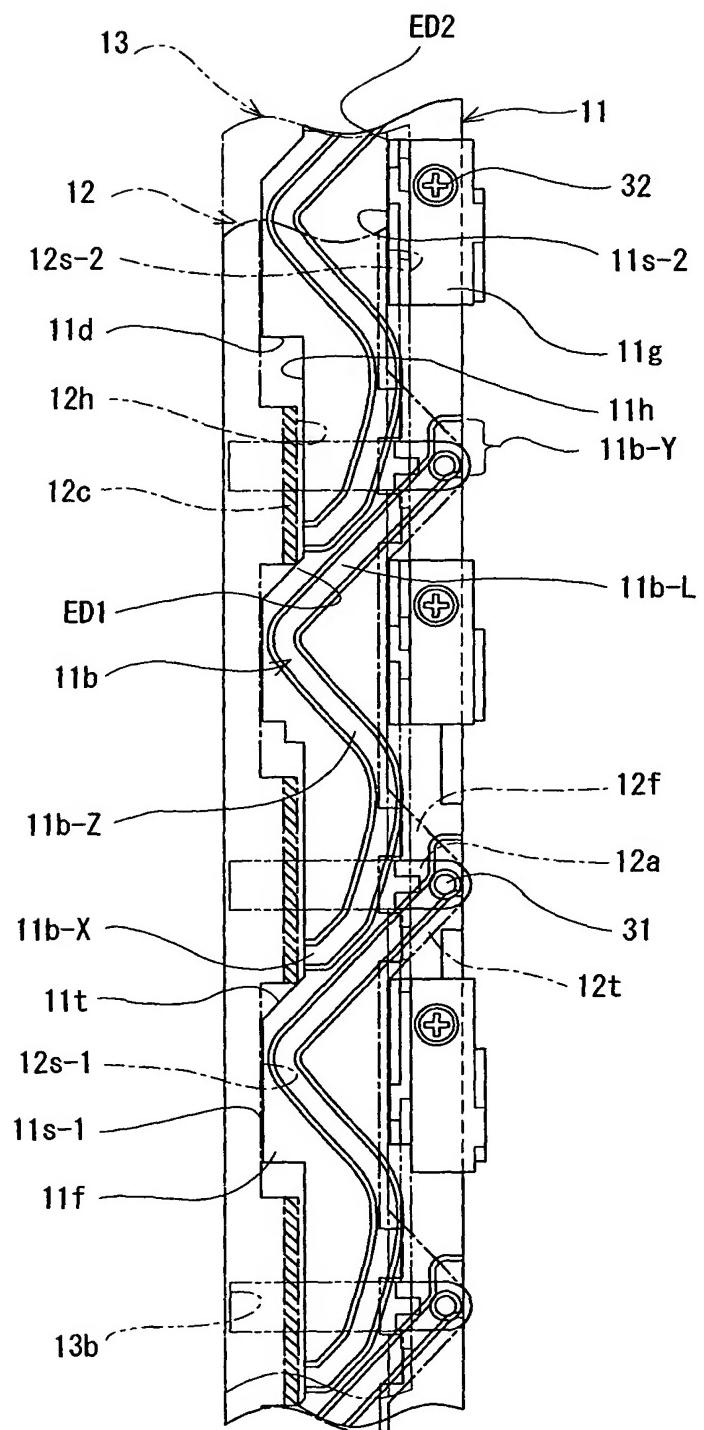


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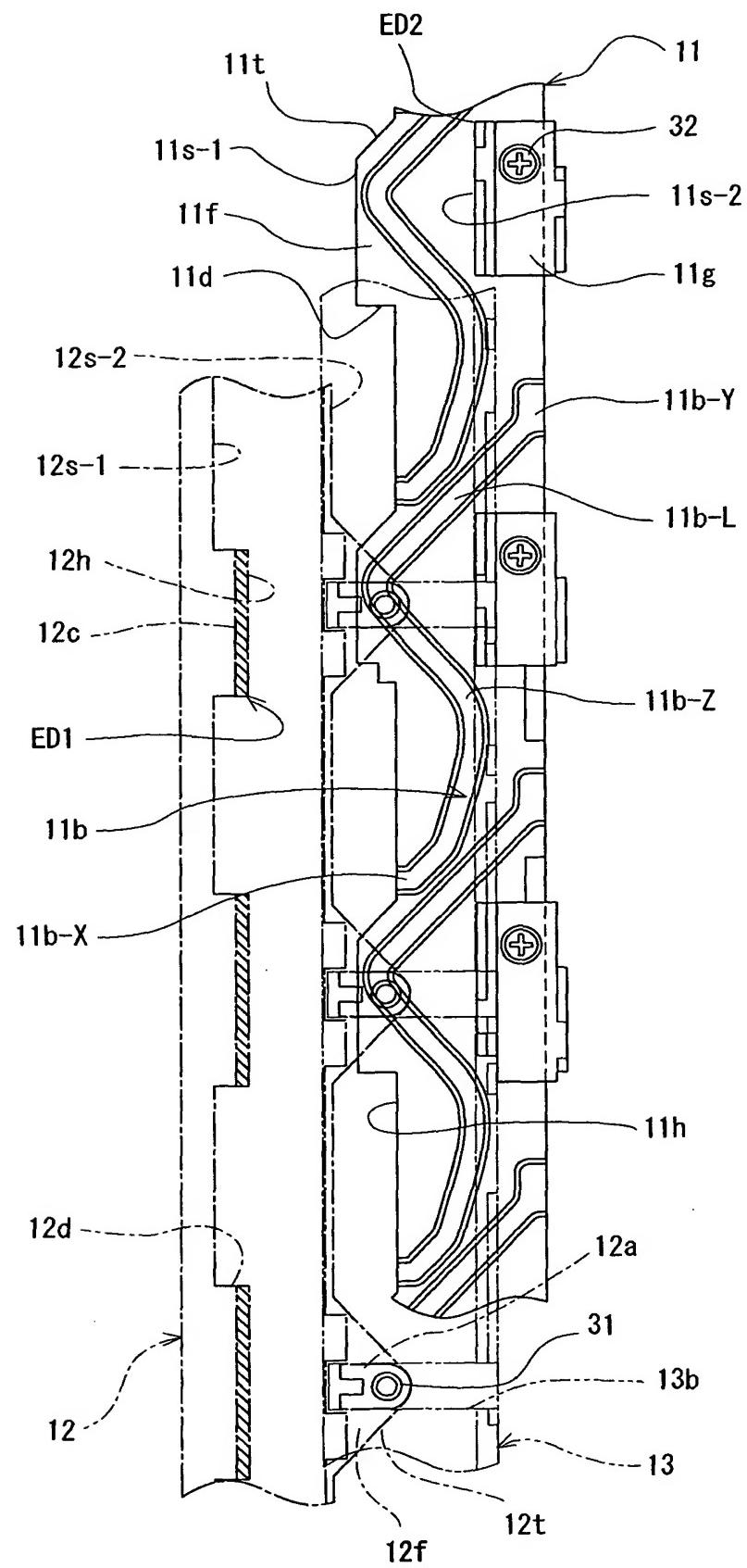


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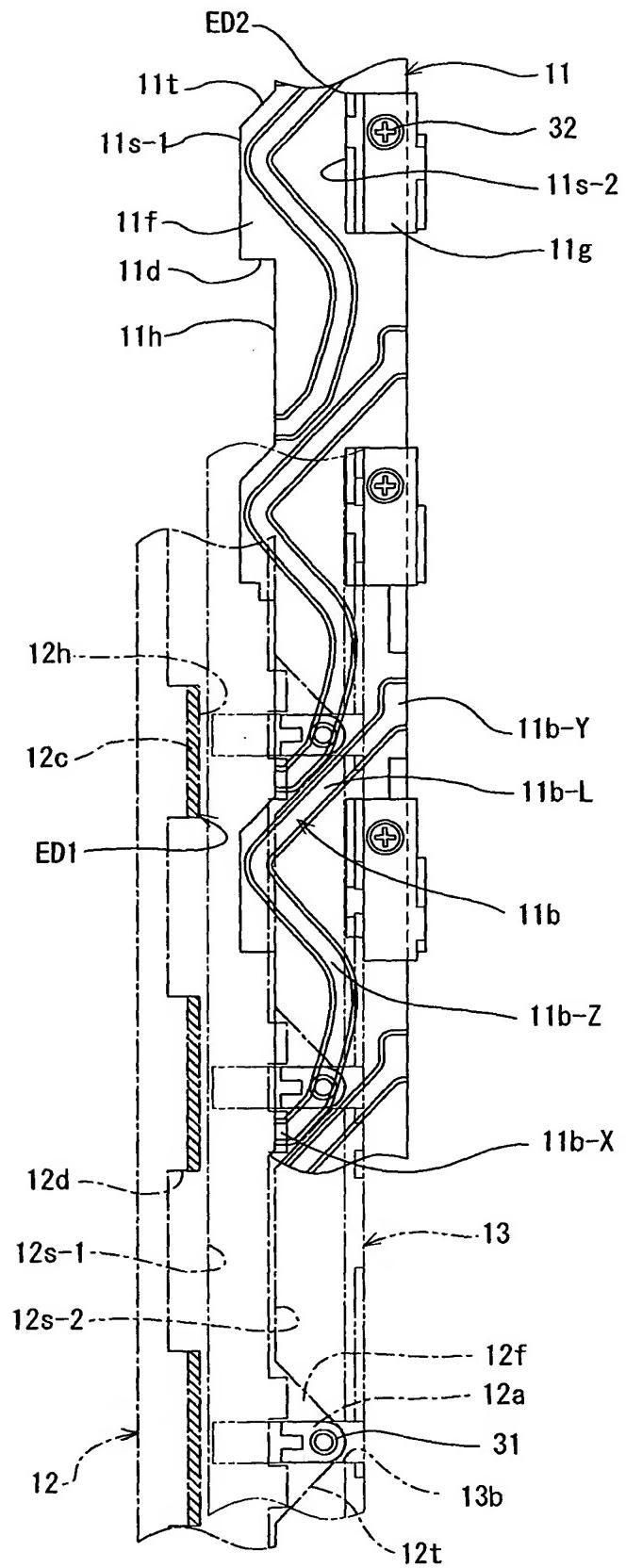


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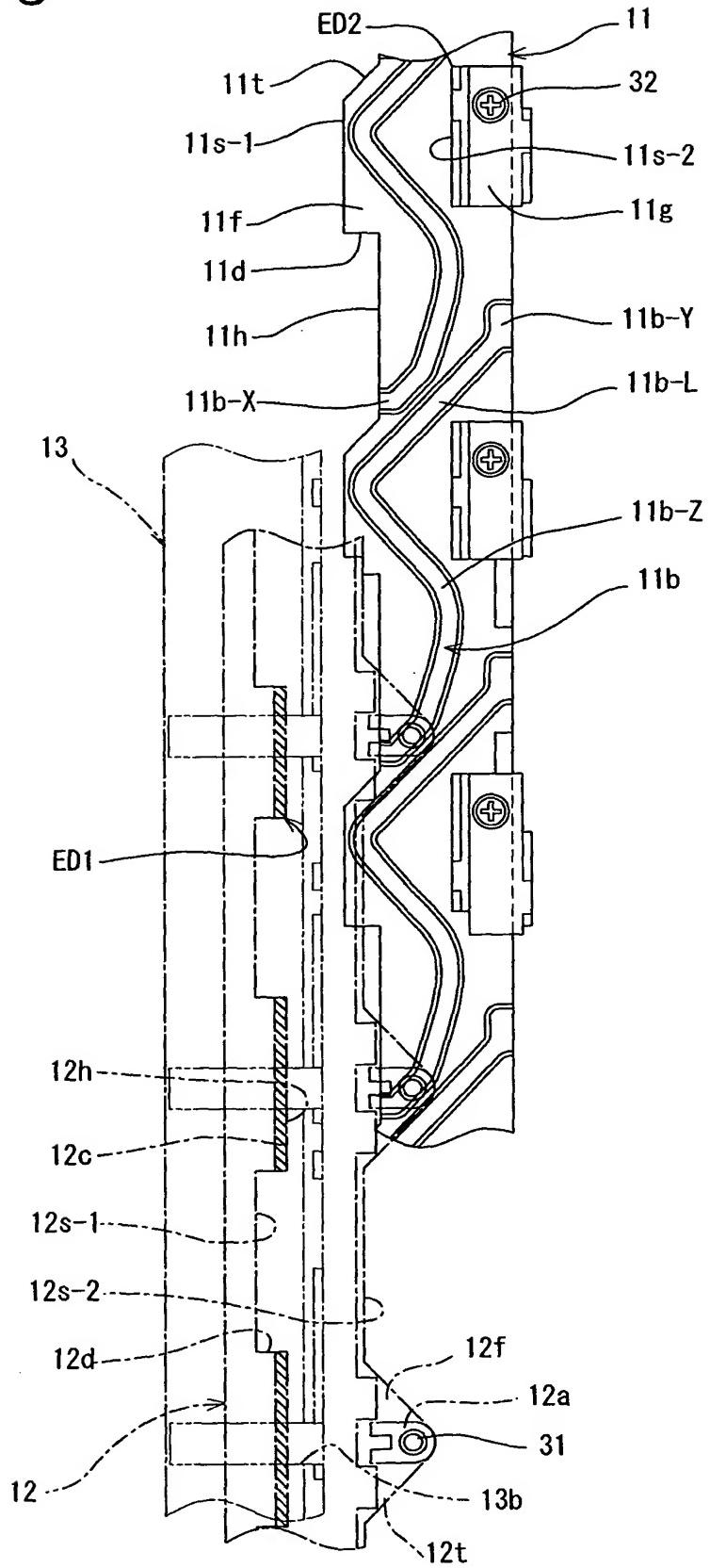


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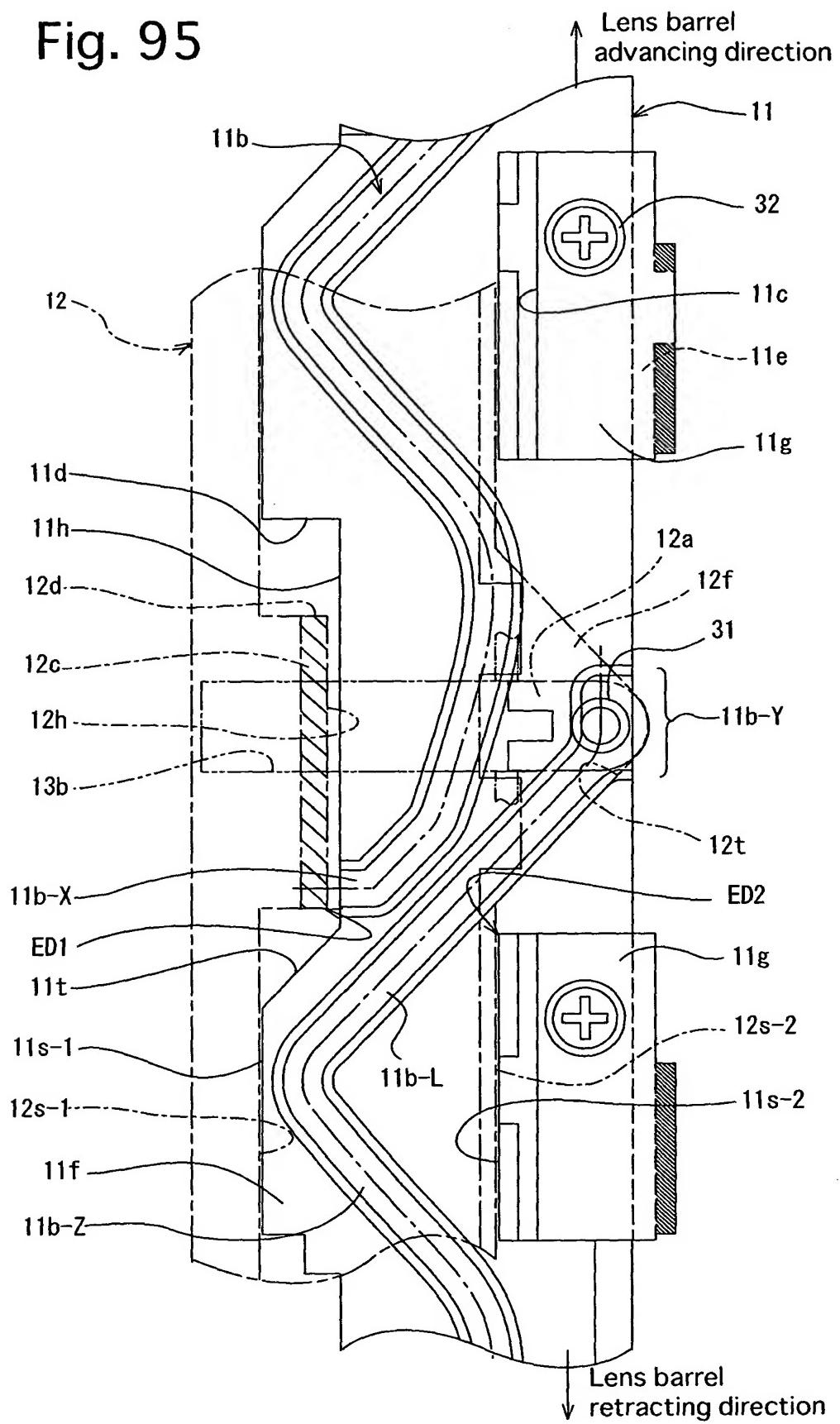


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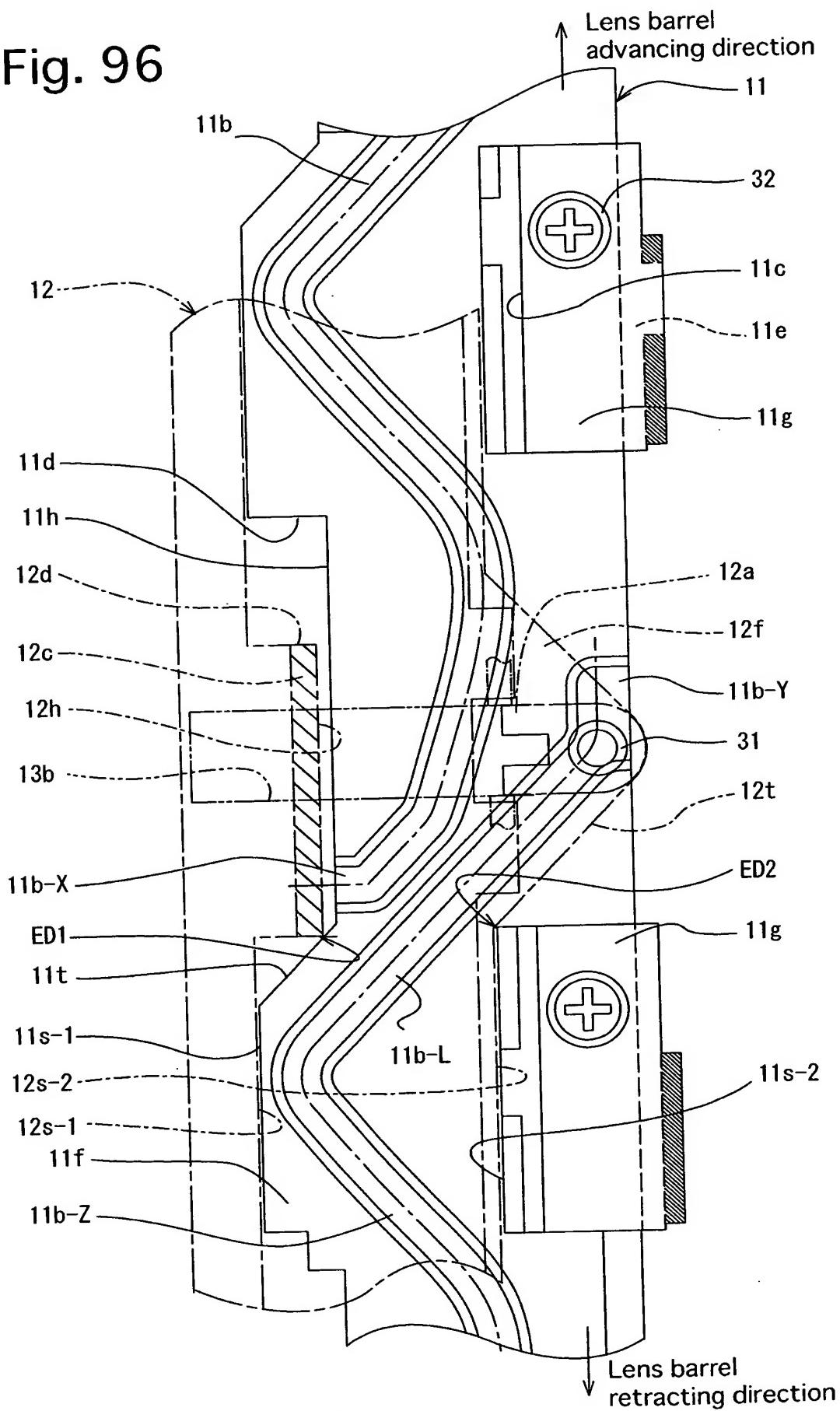


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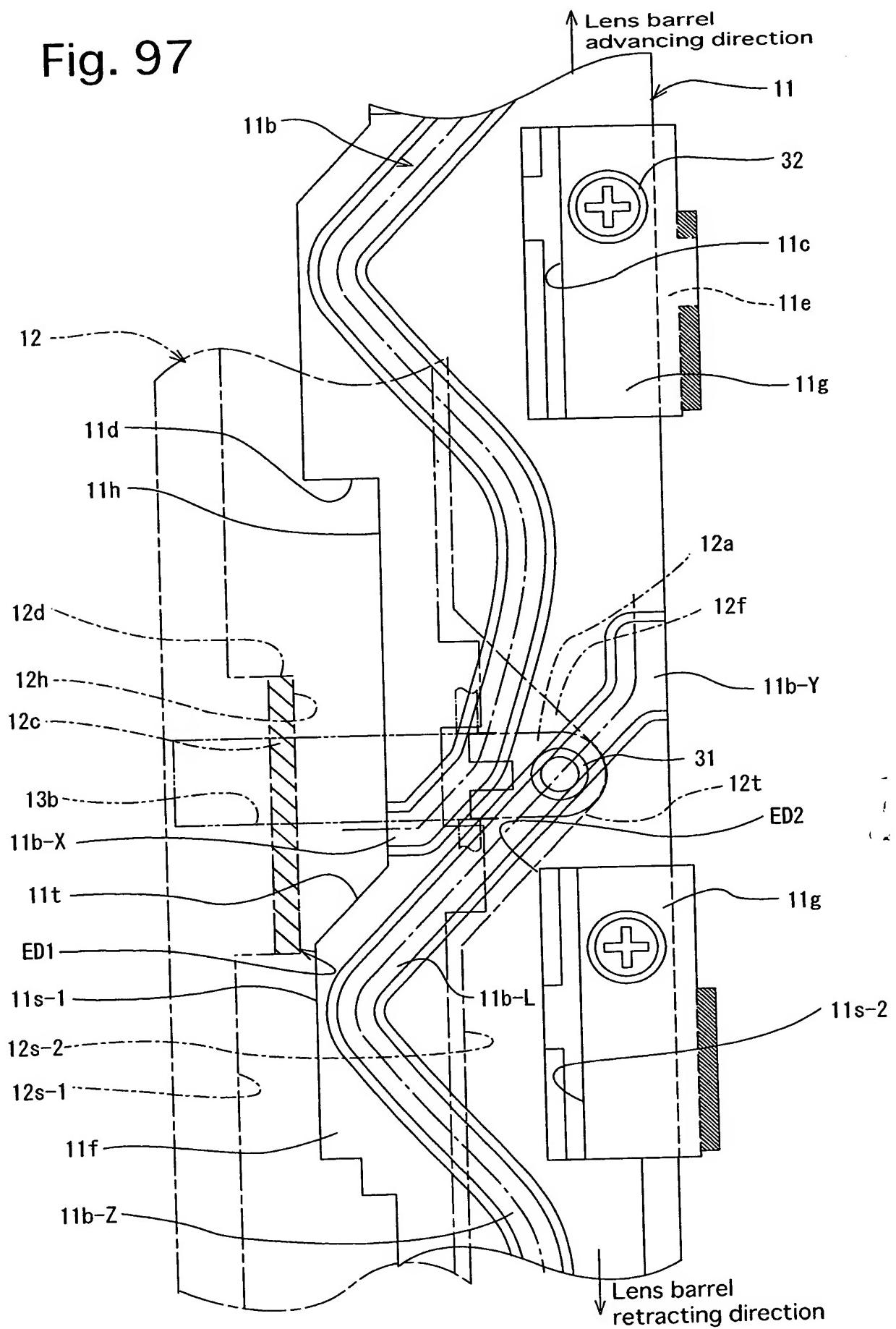


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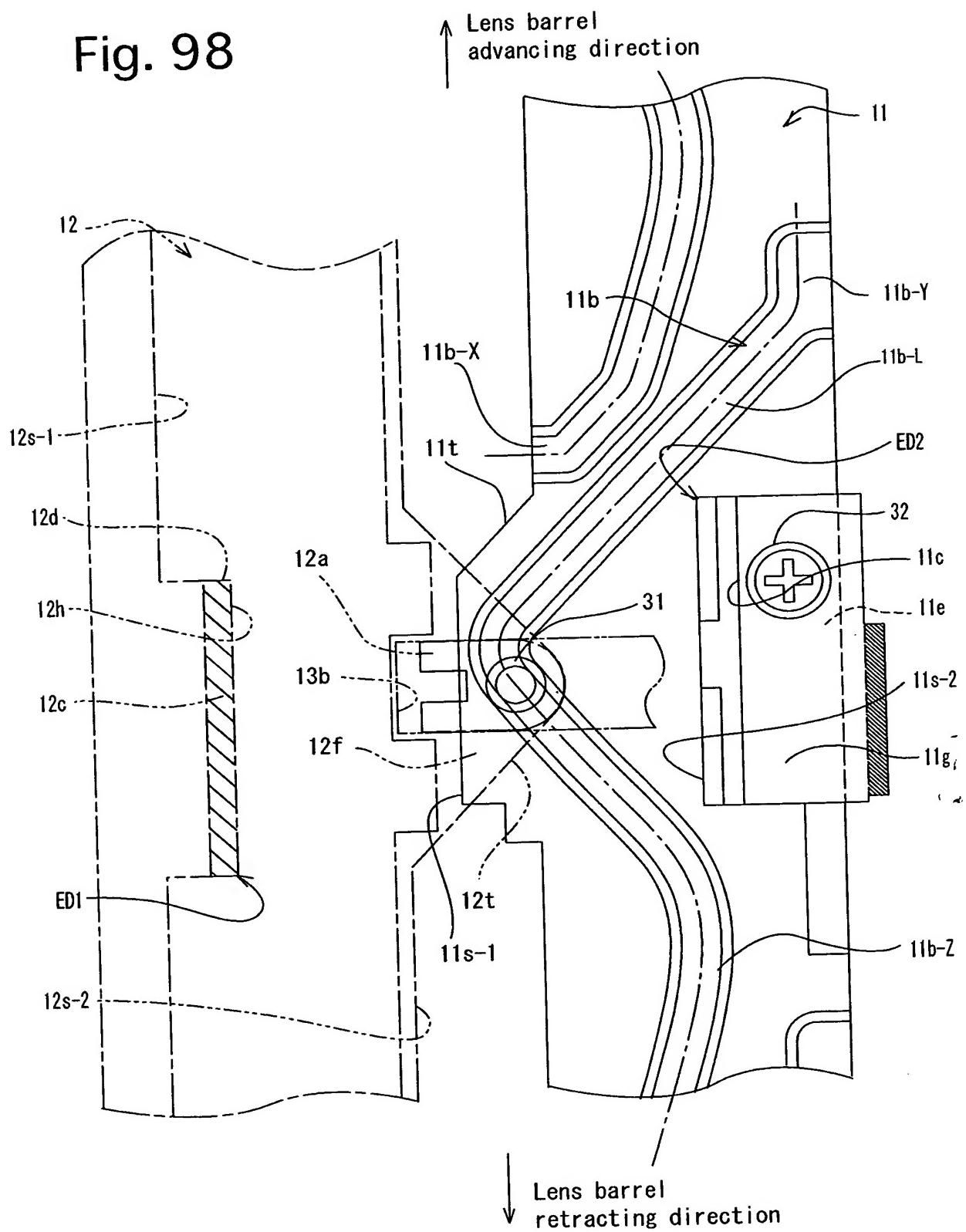


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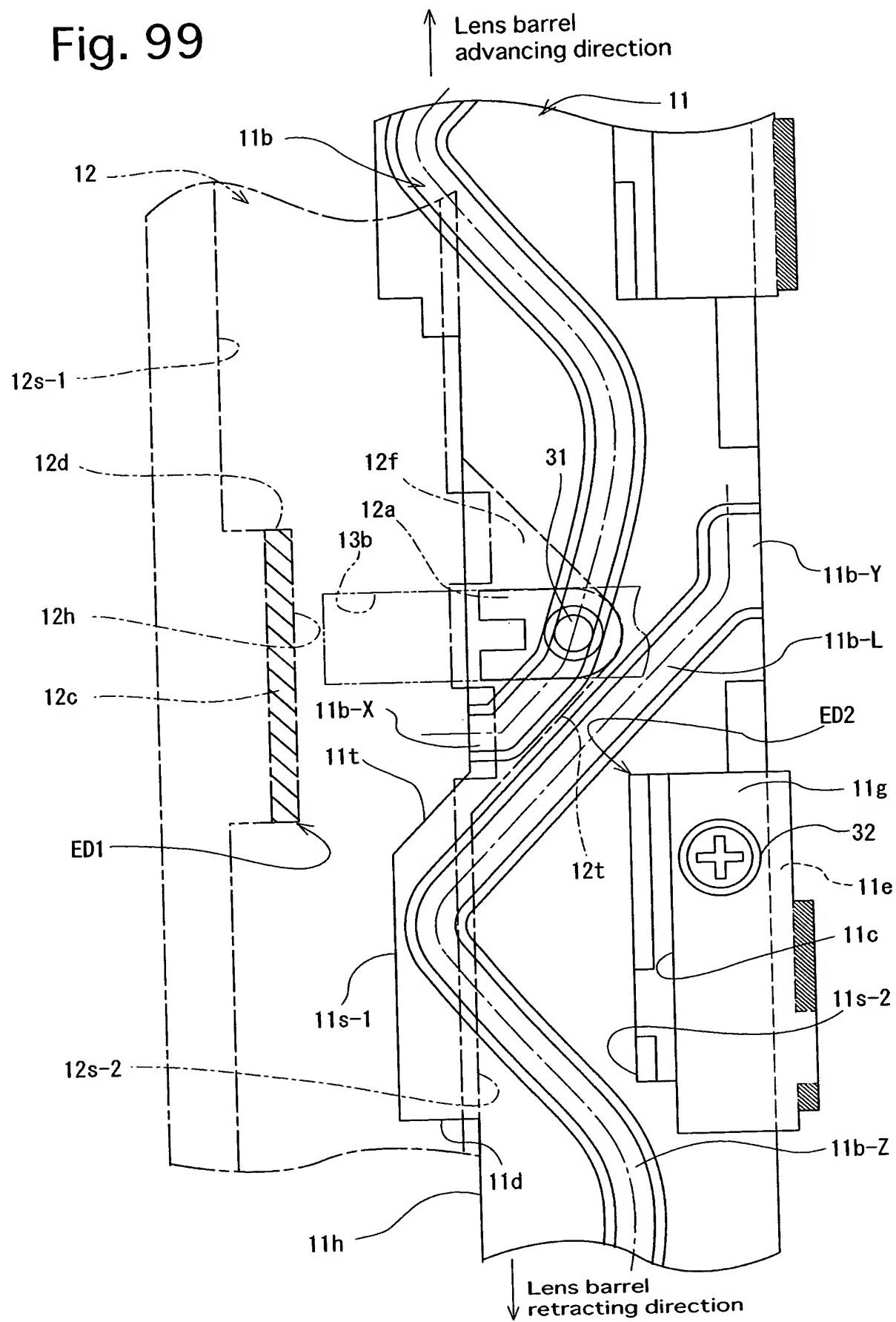


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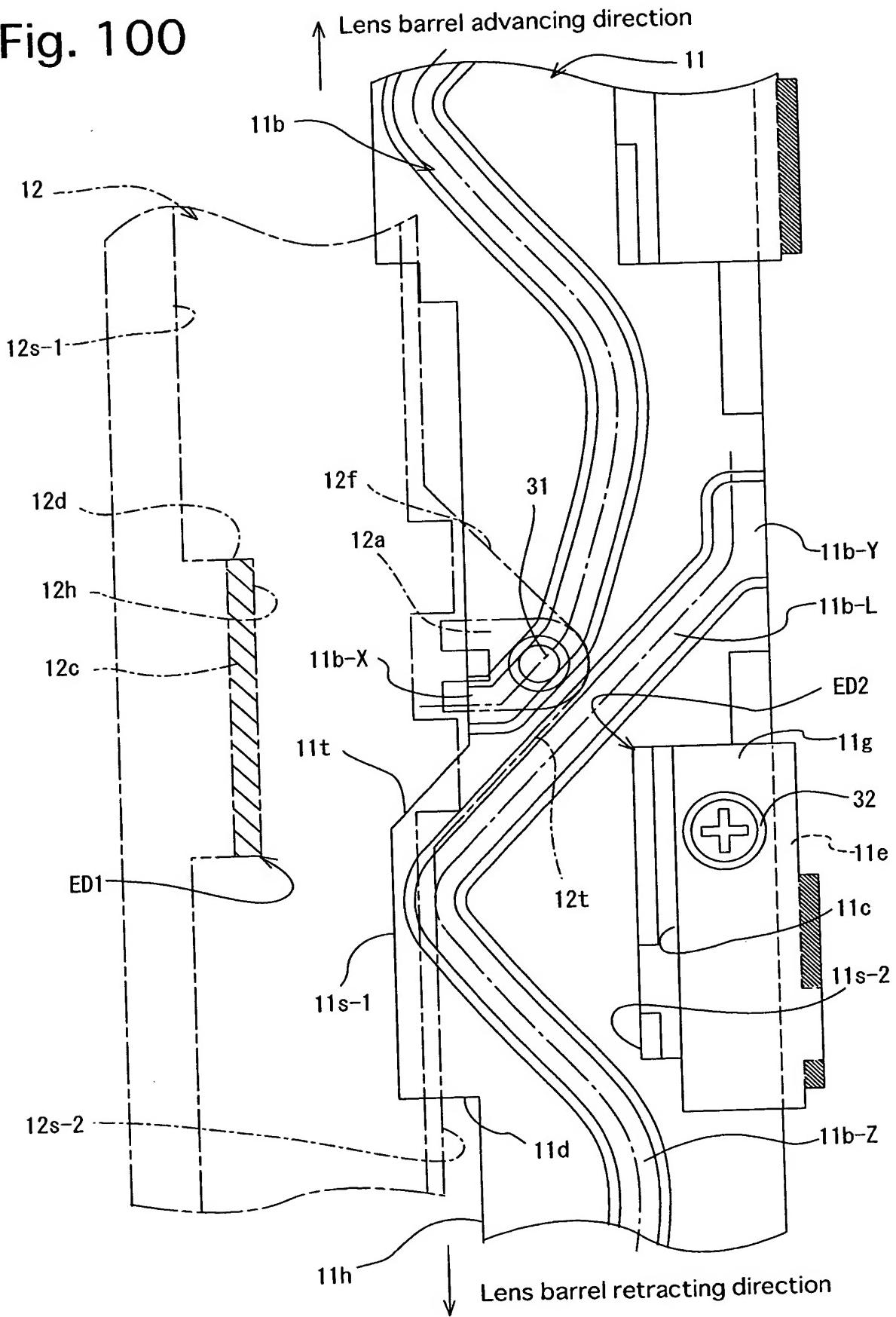


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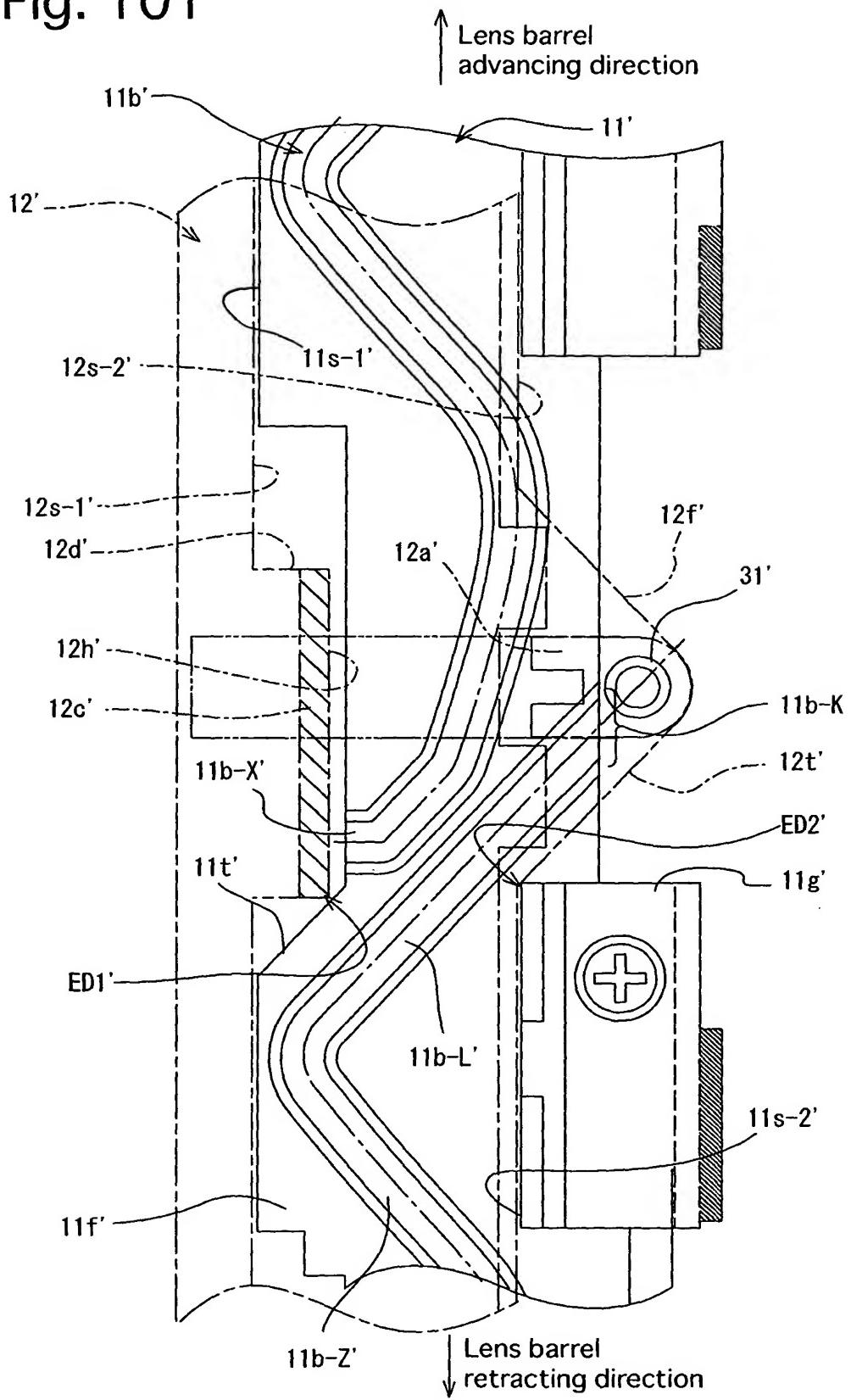


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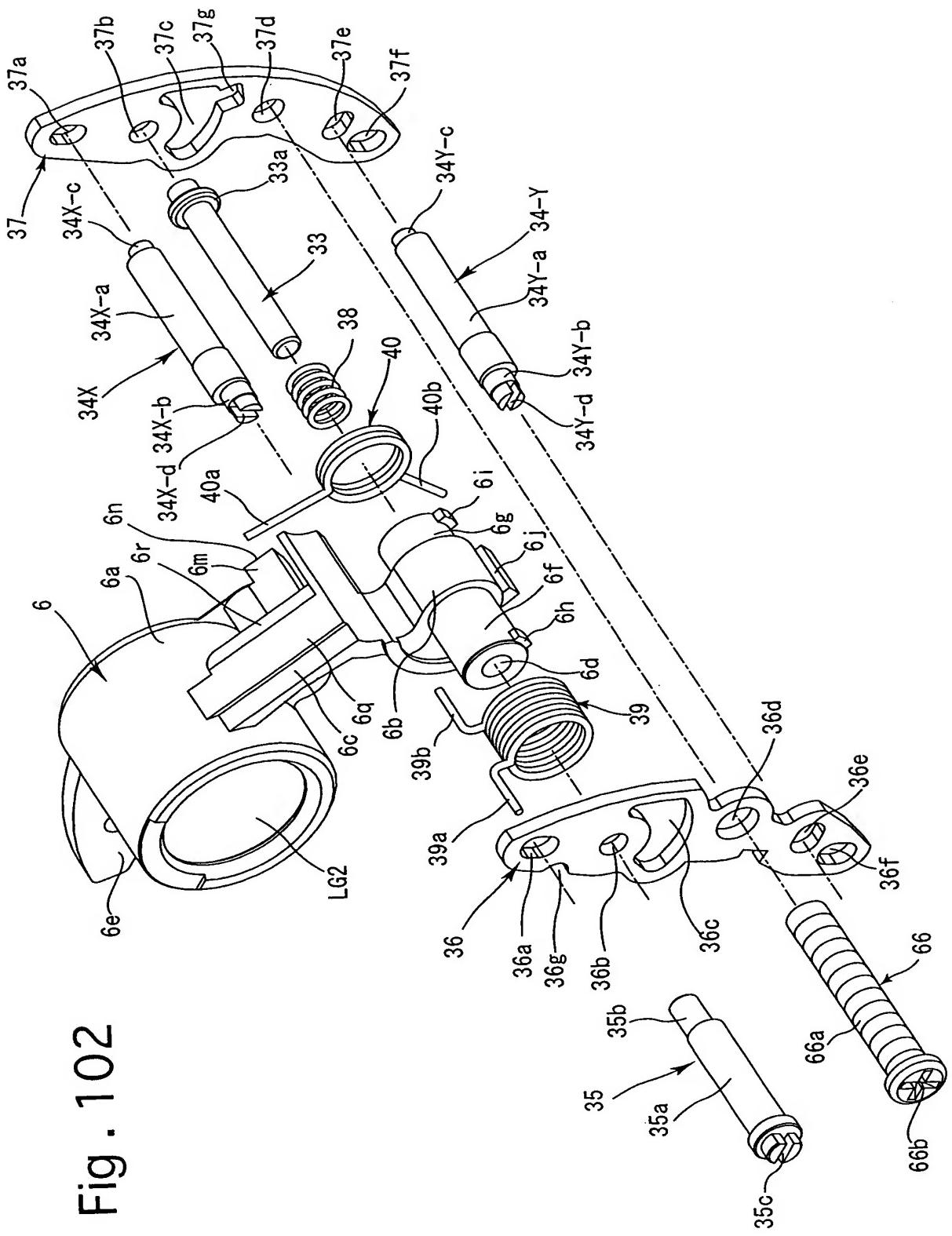
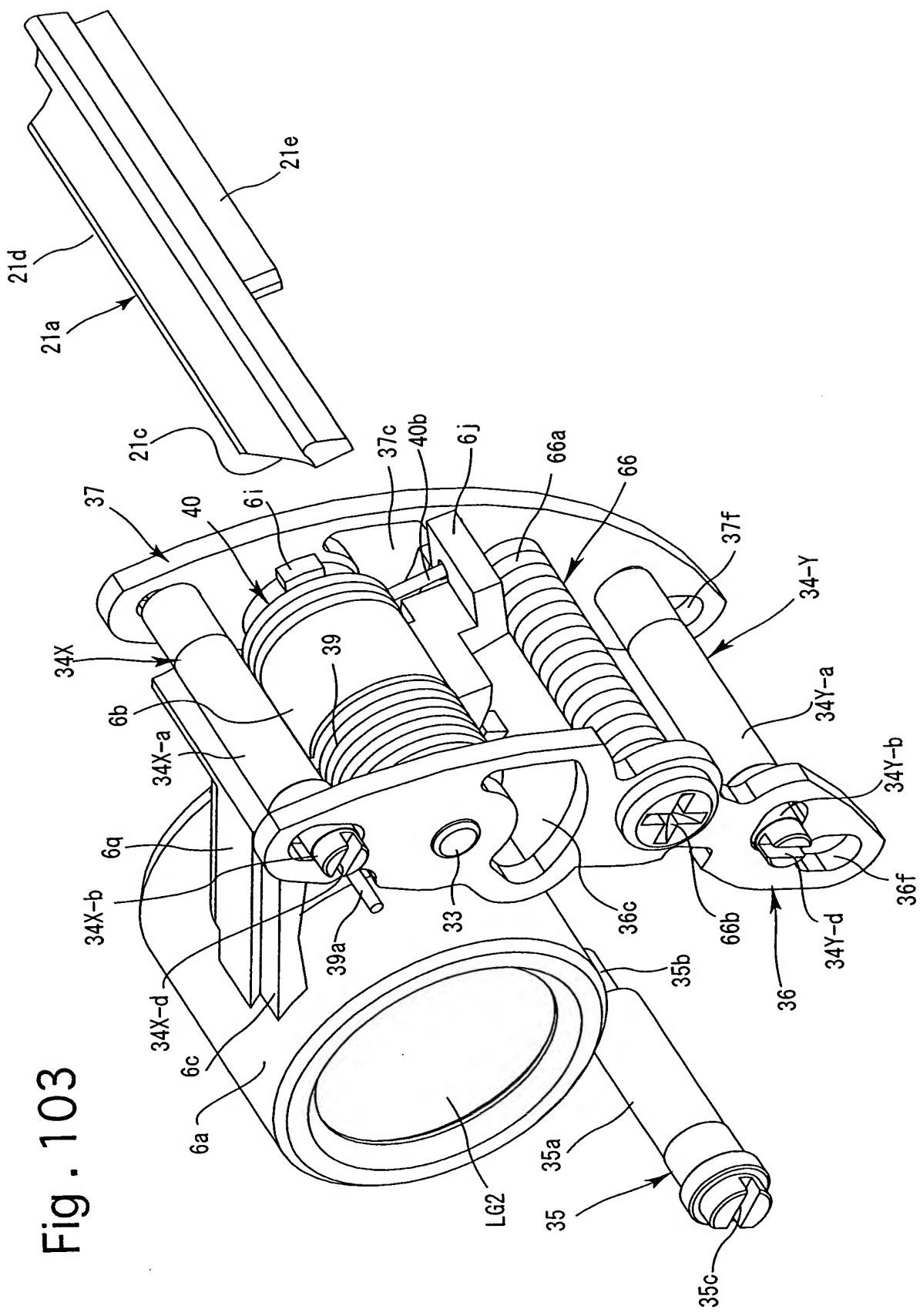


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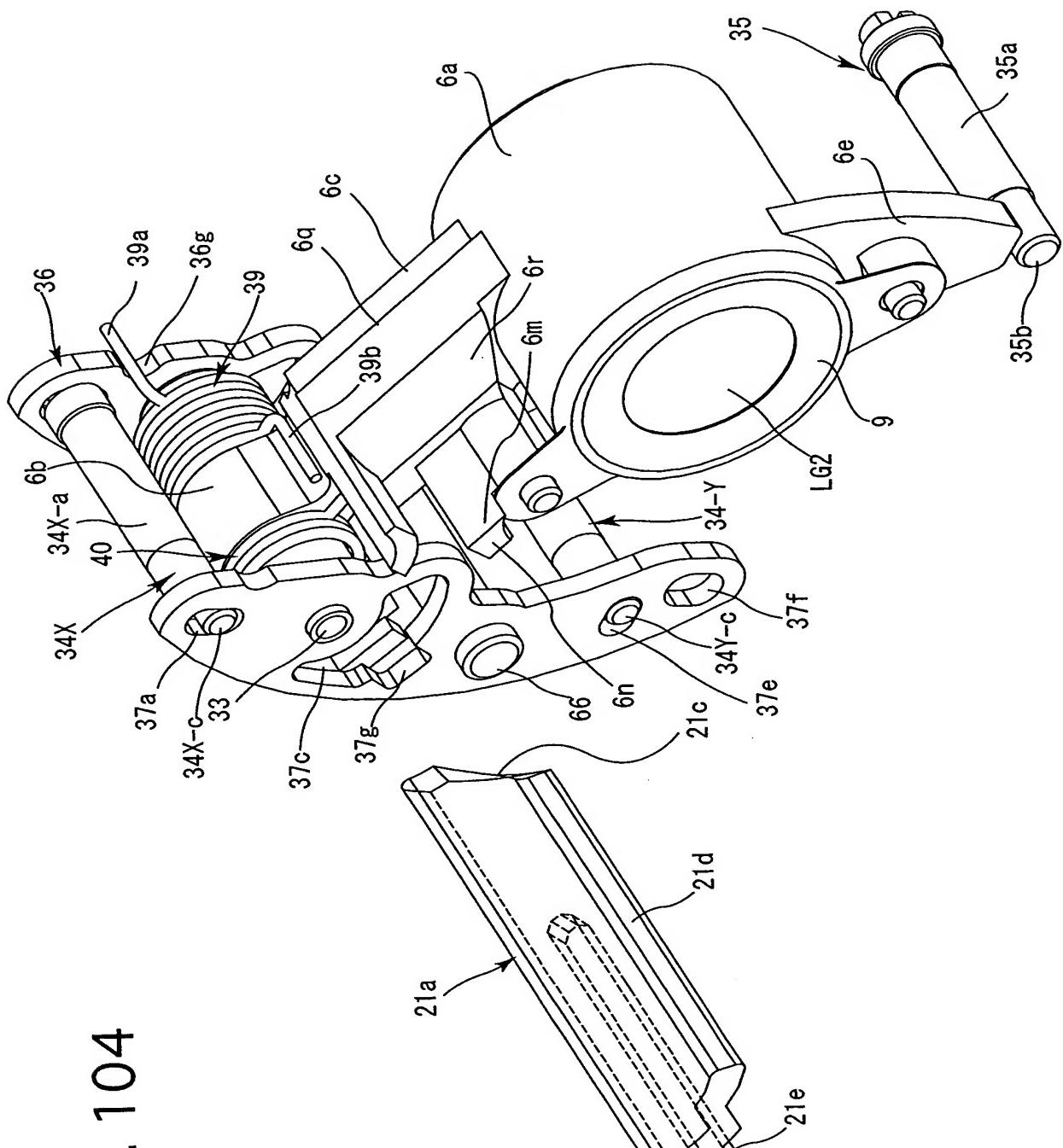


Fig . 104

Fig . 105

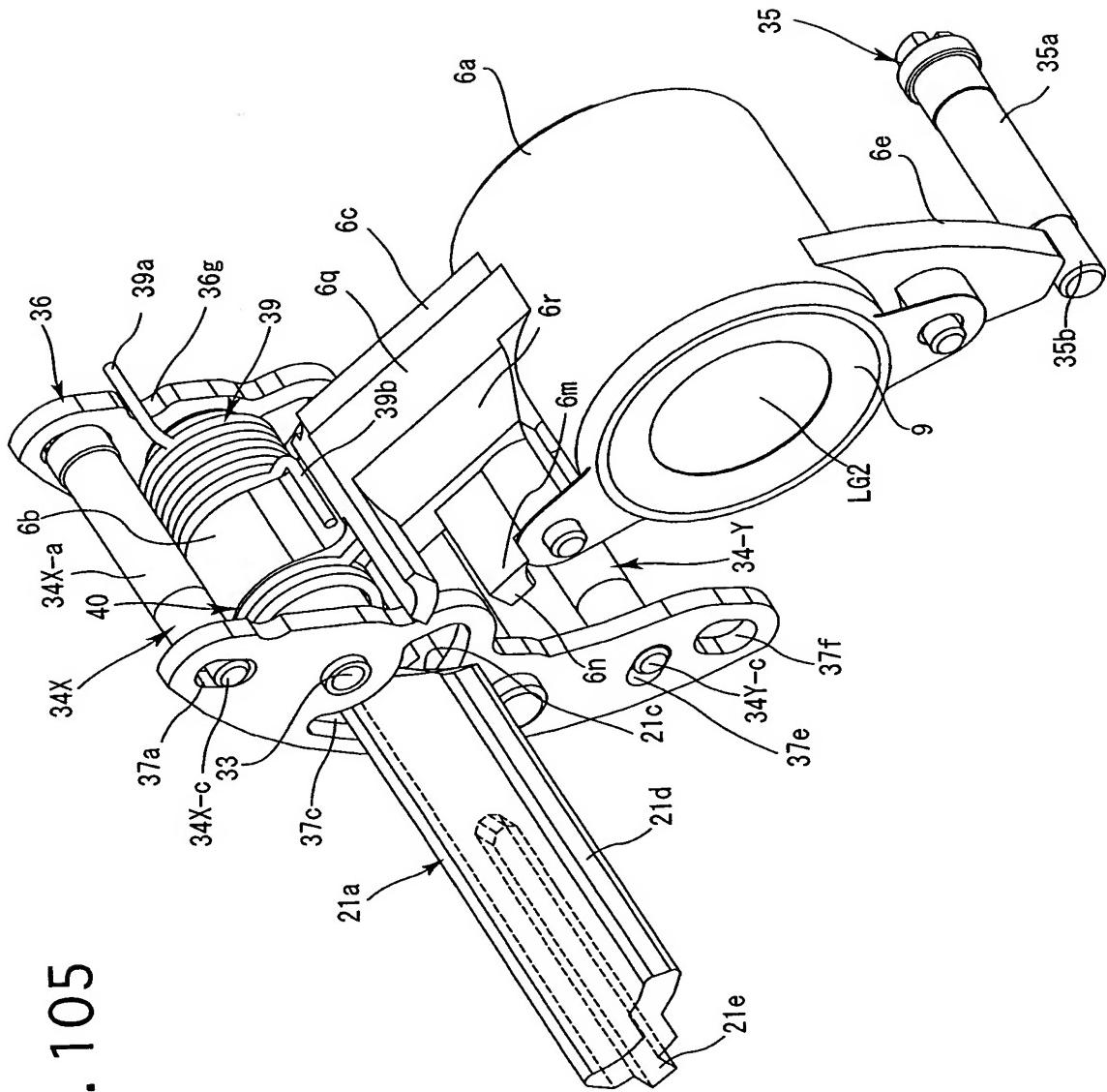


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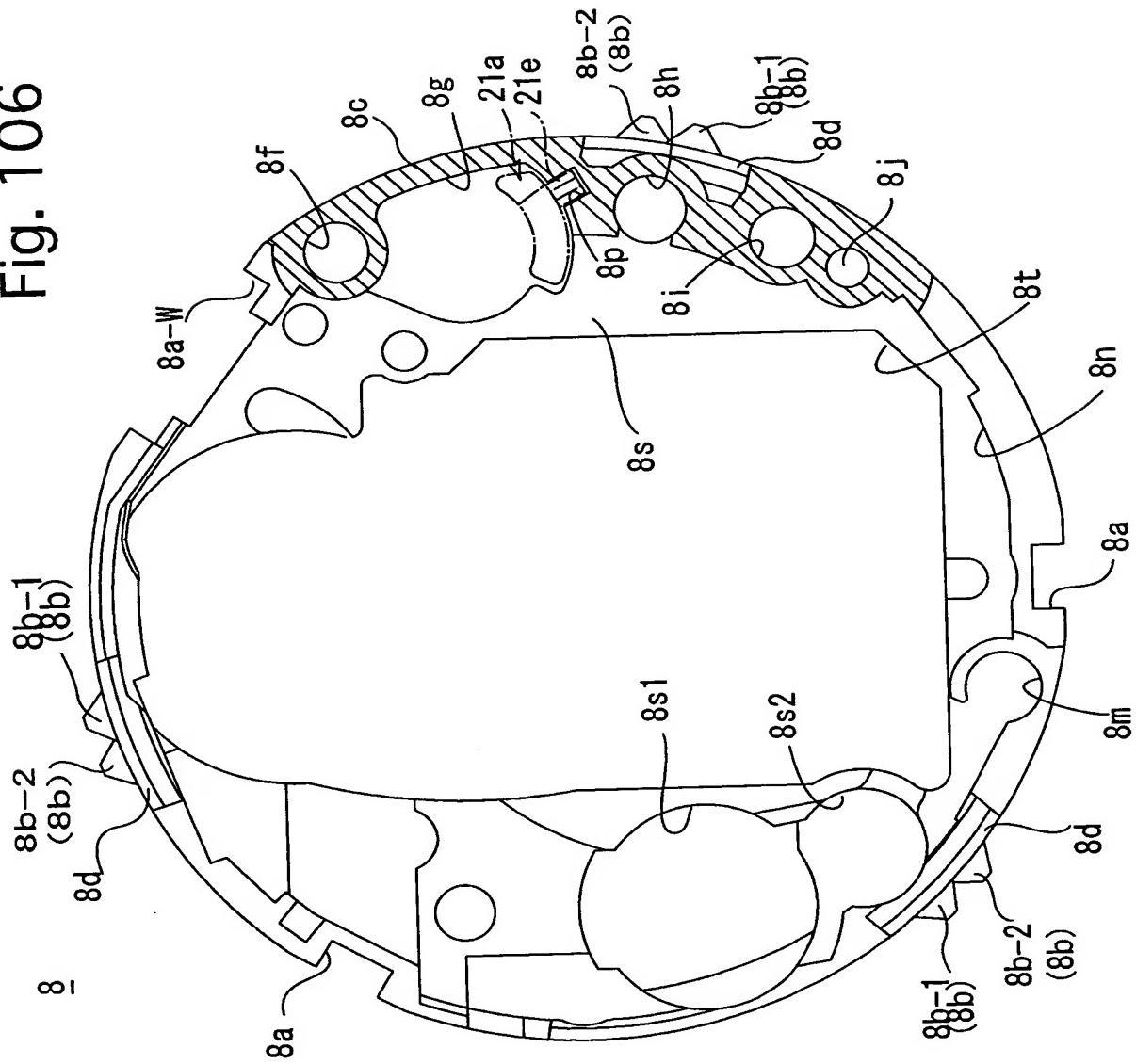


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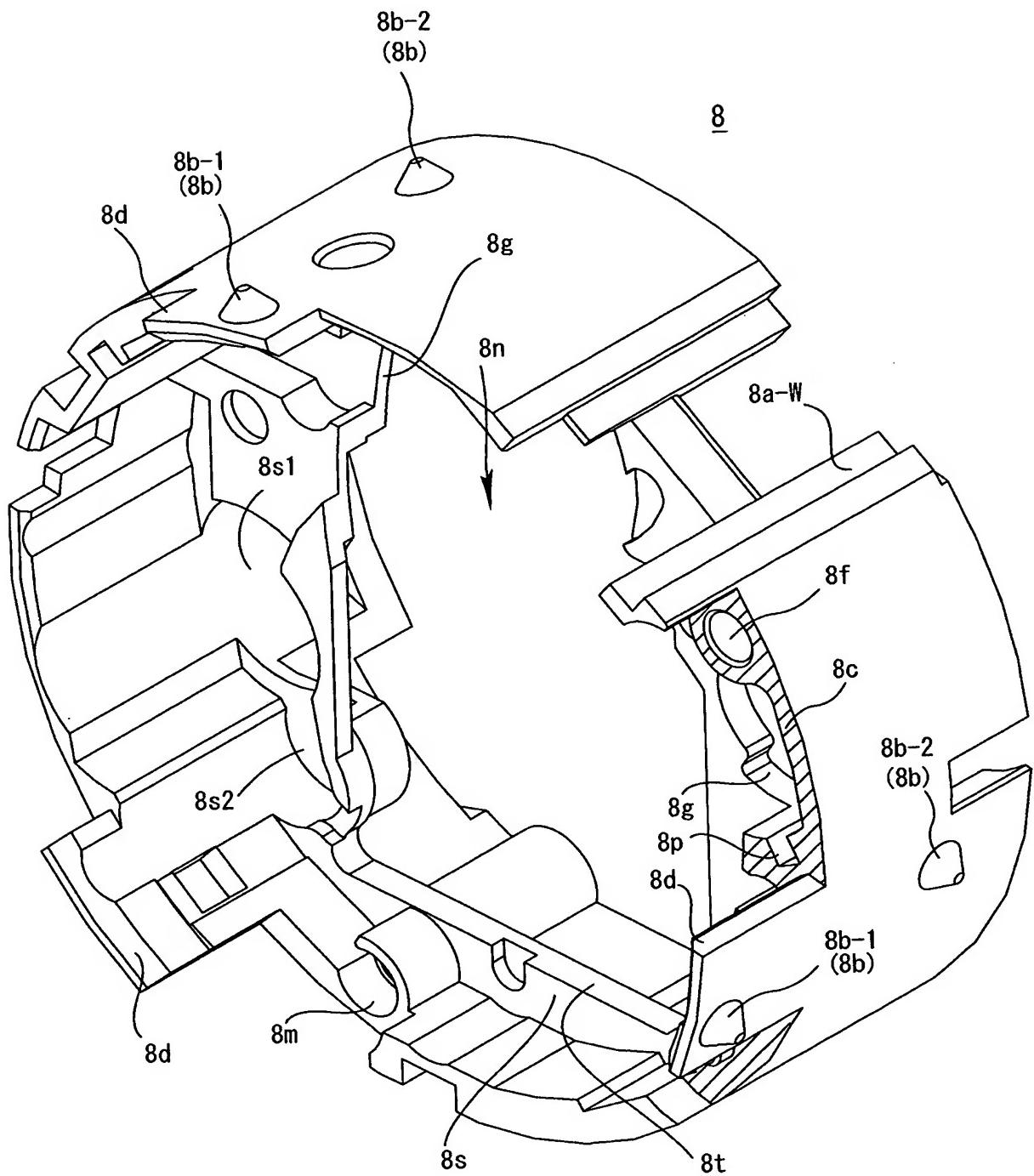


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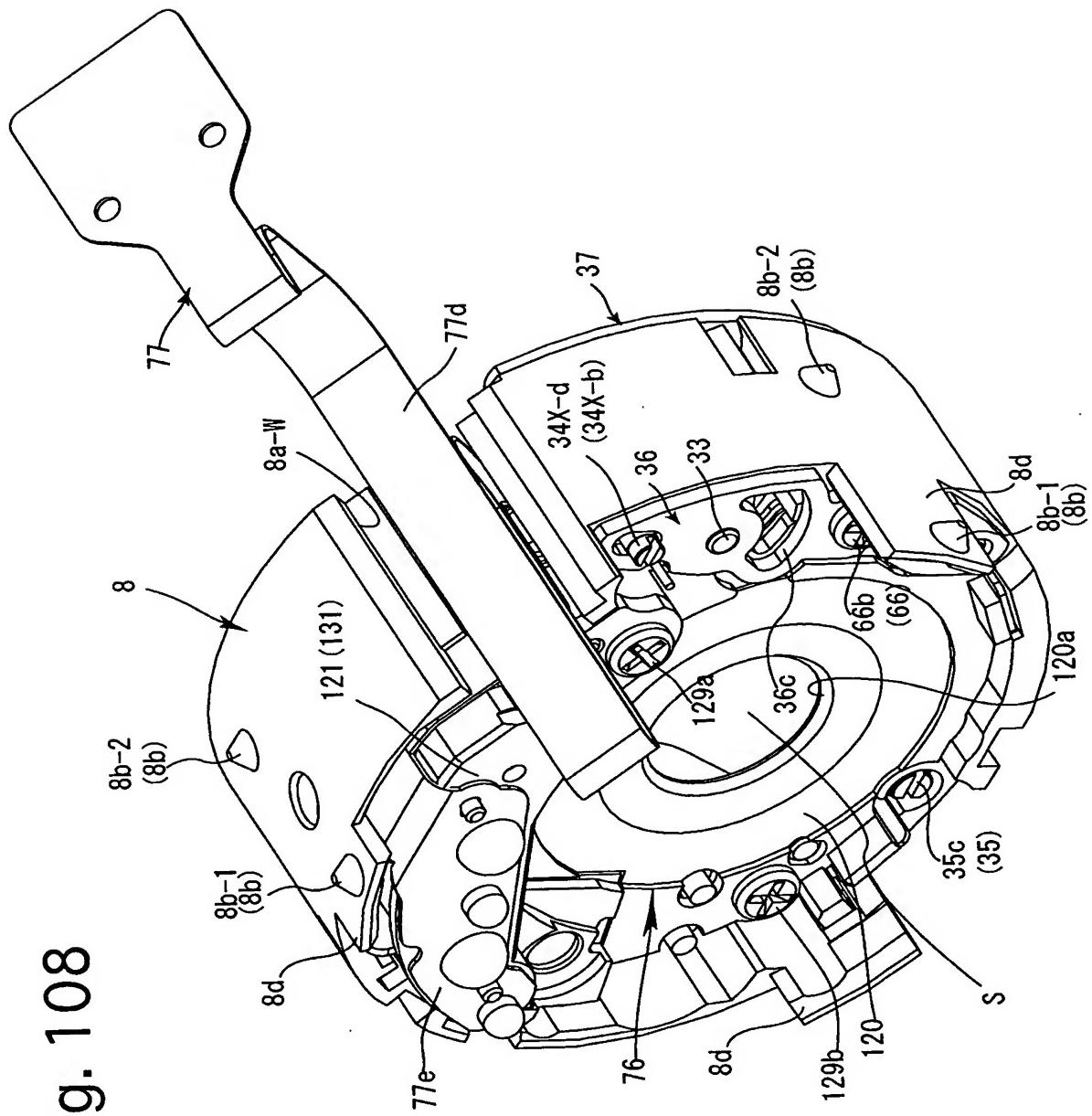


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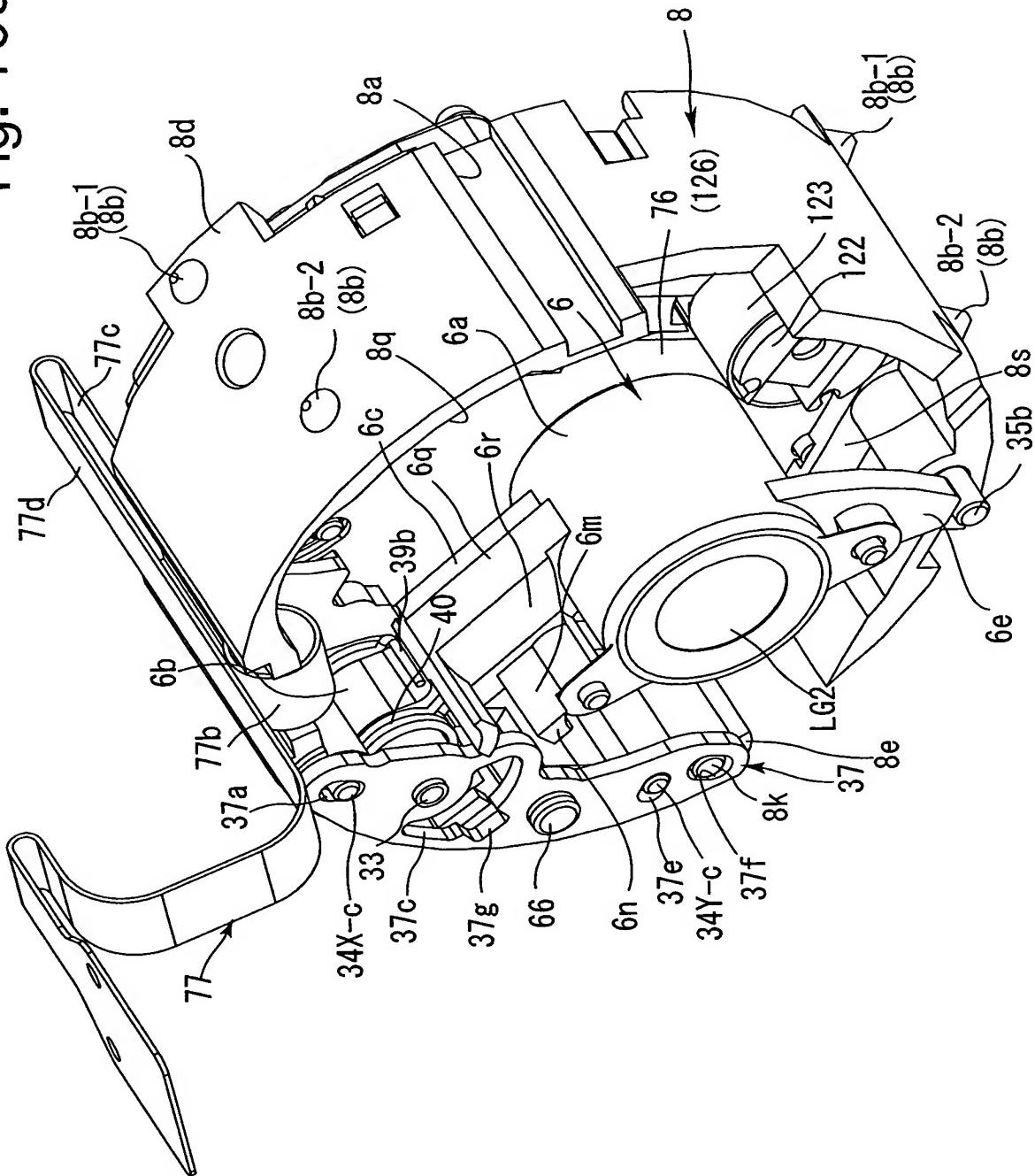


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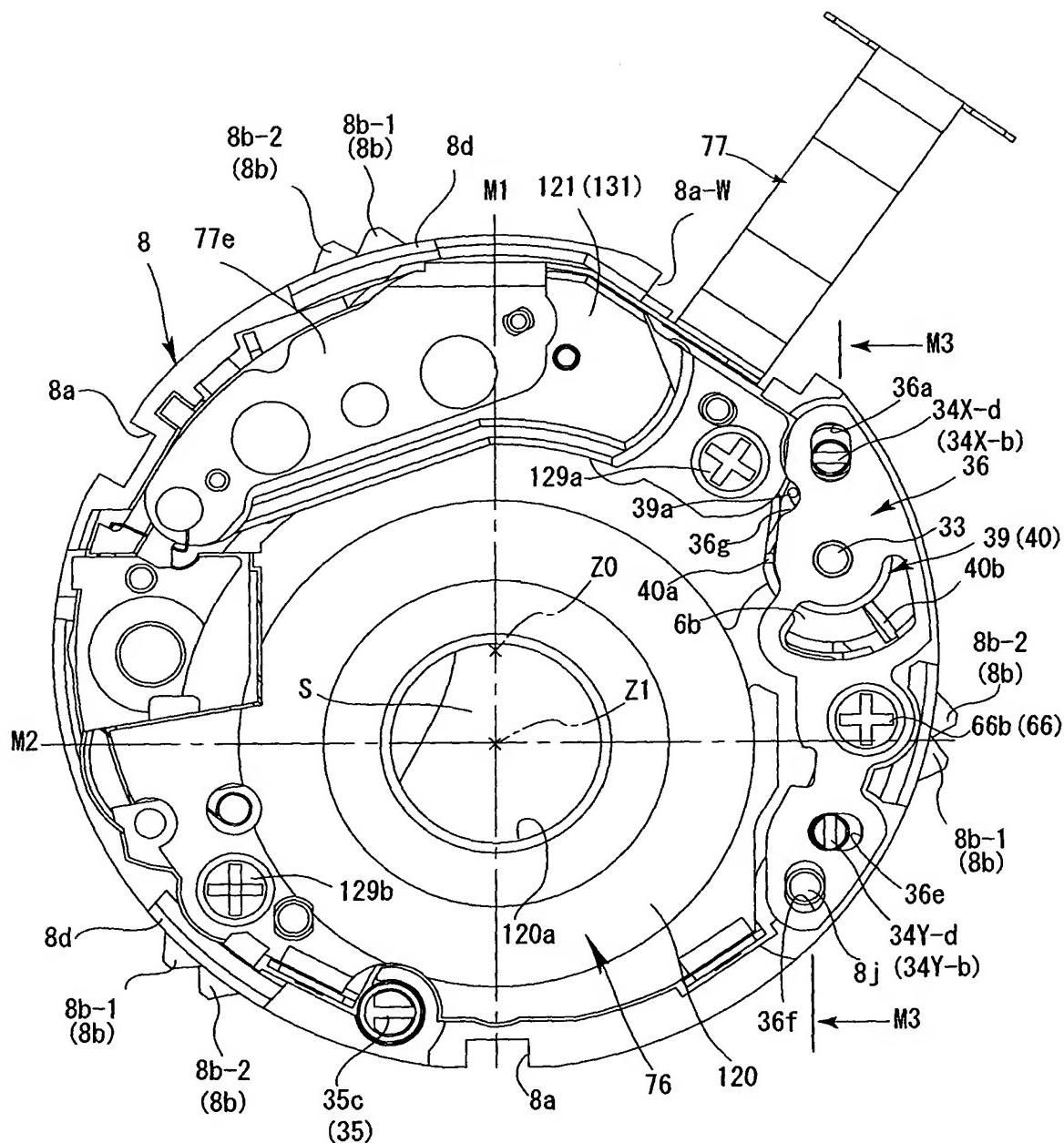


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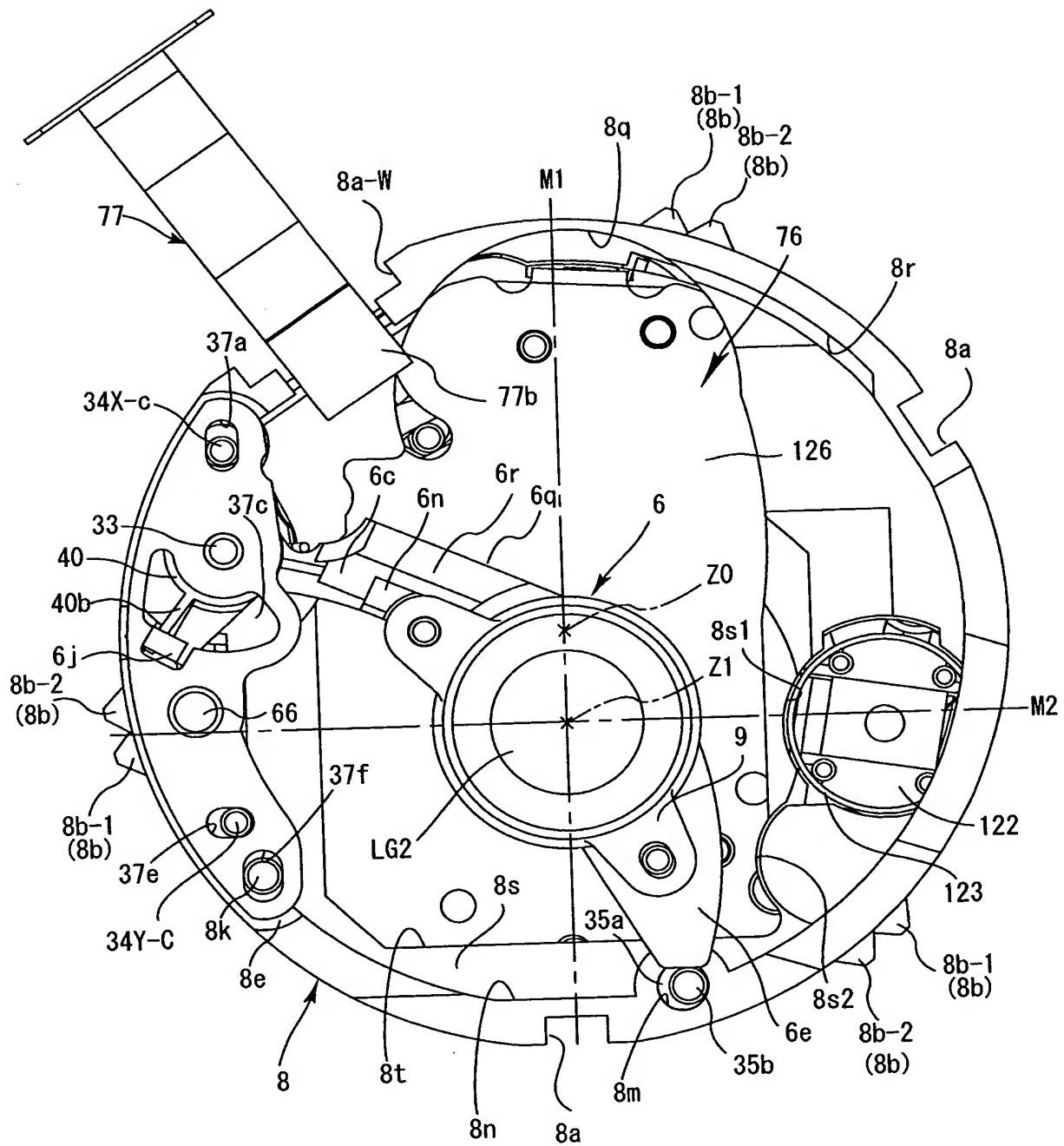


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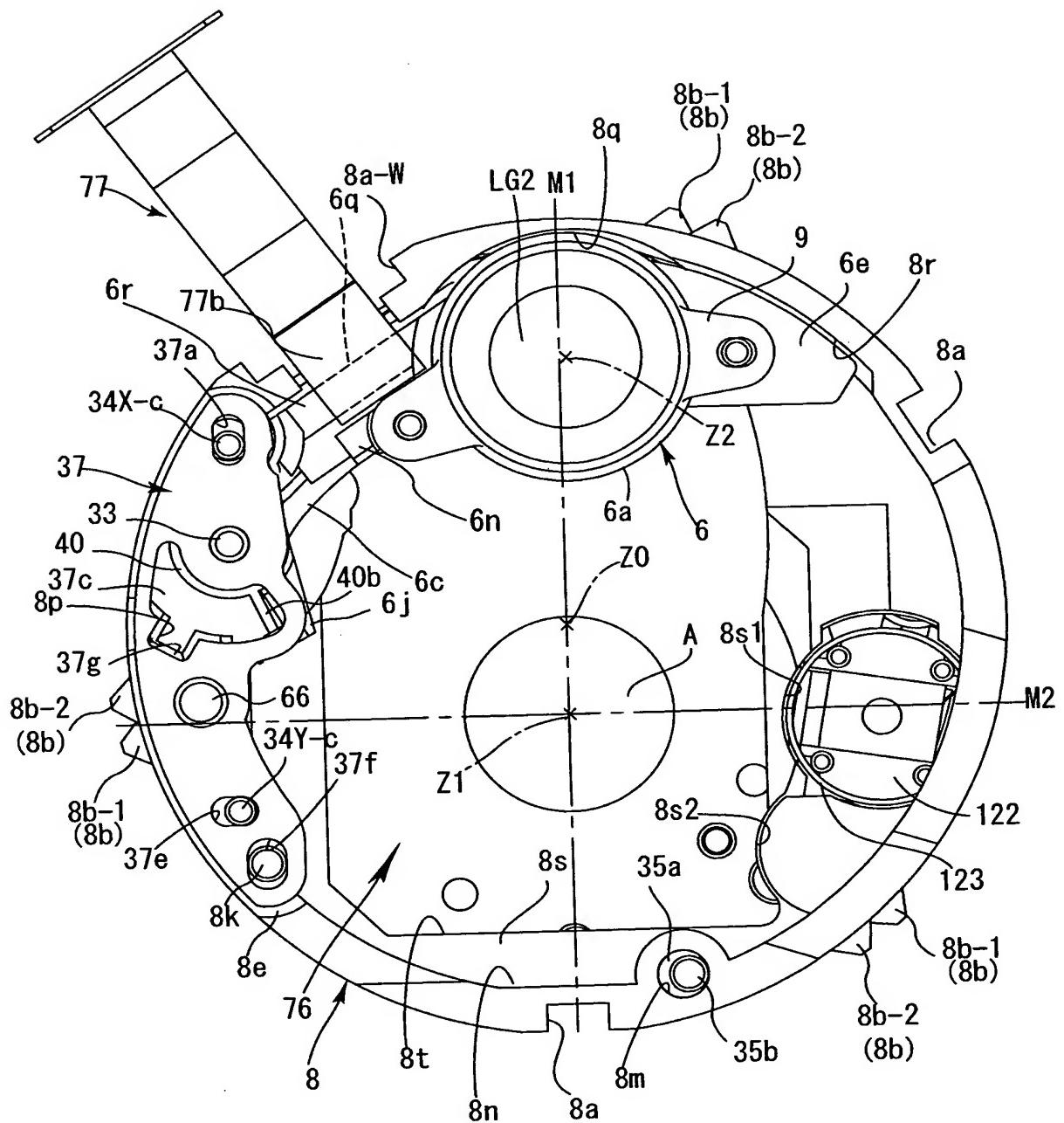


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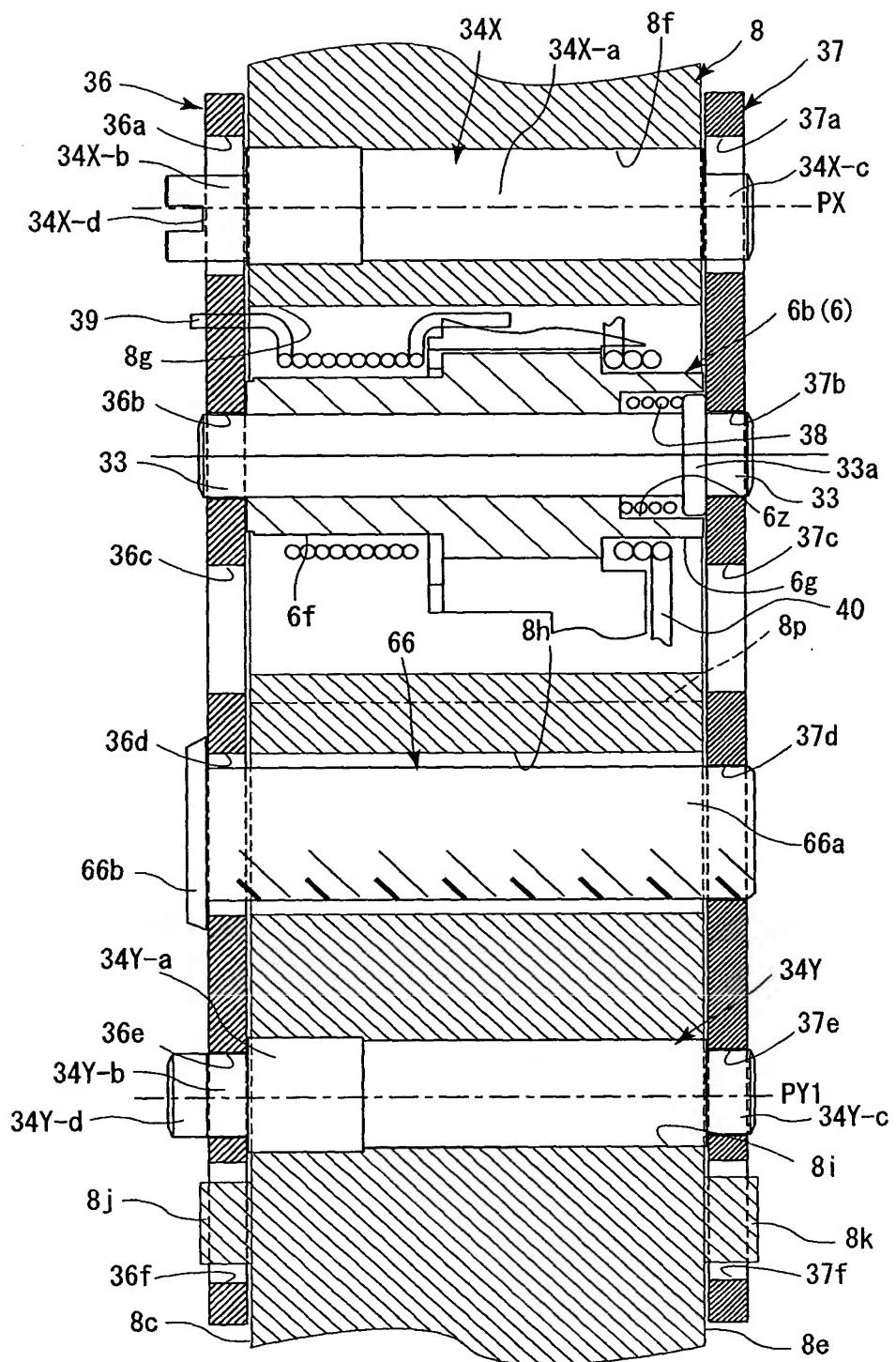


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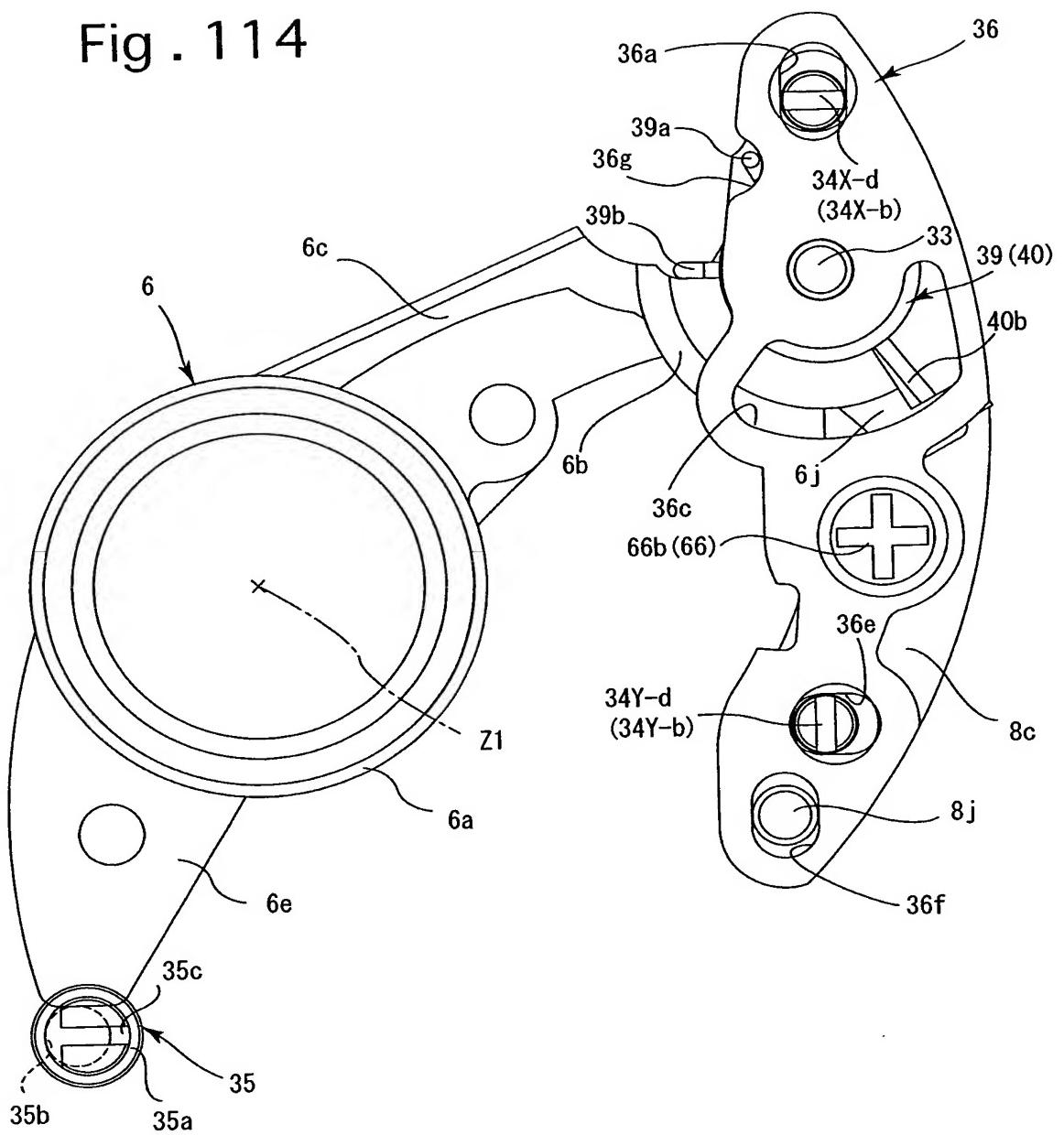


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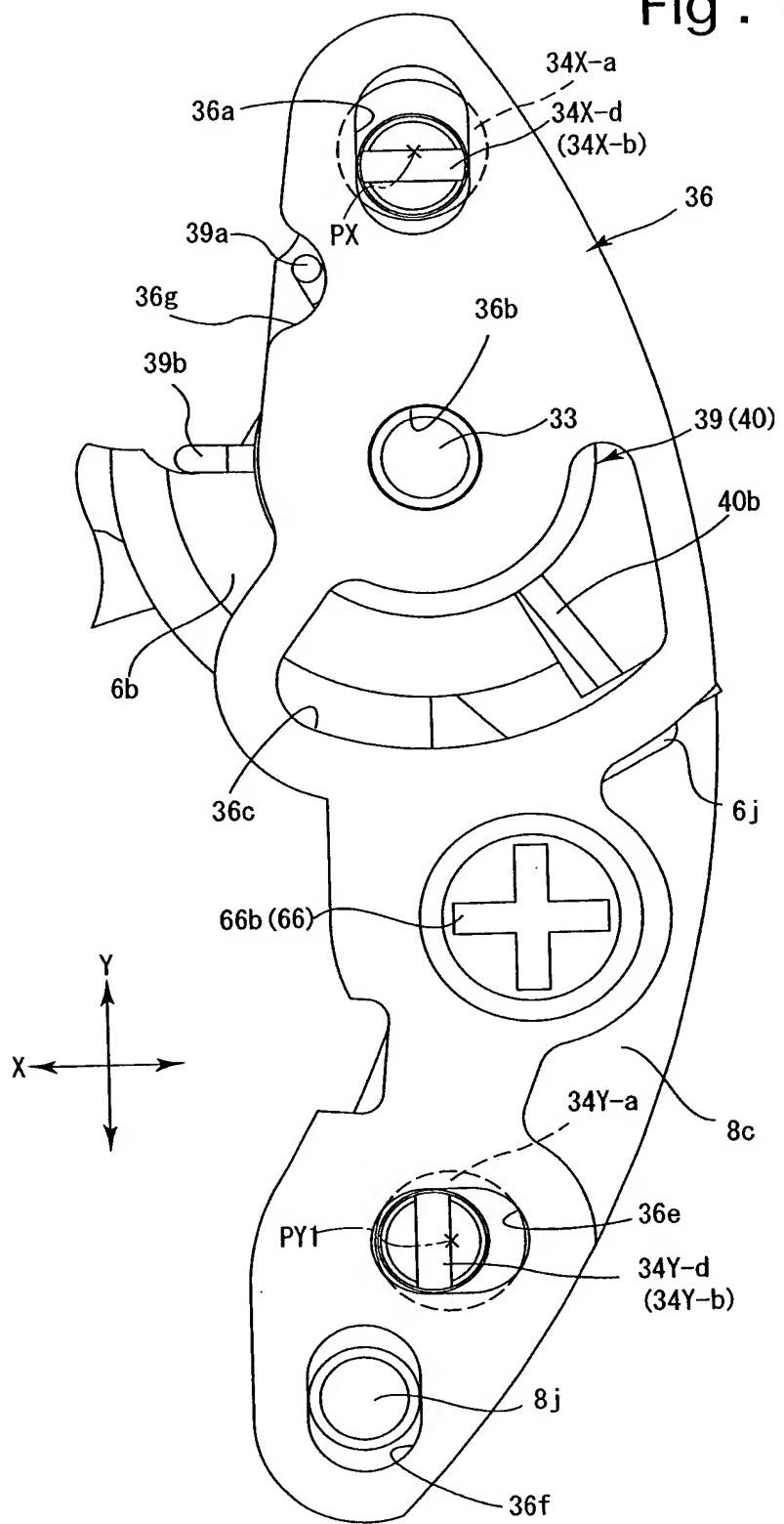


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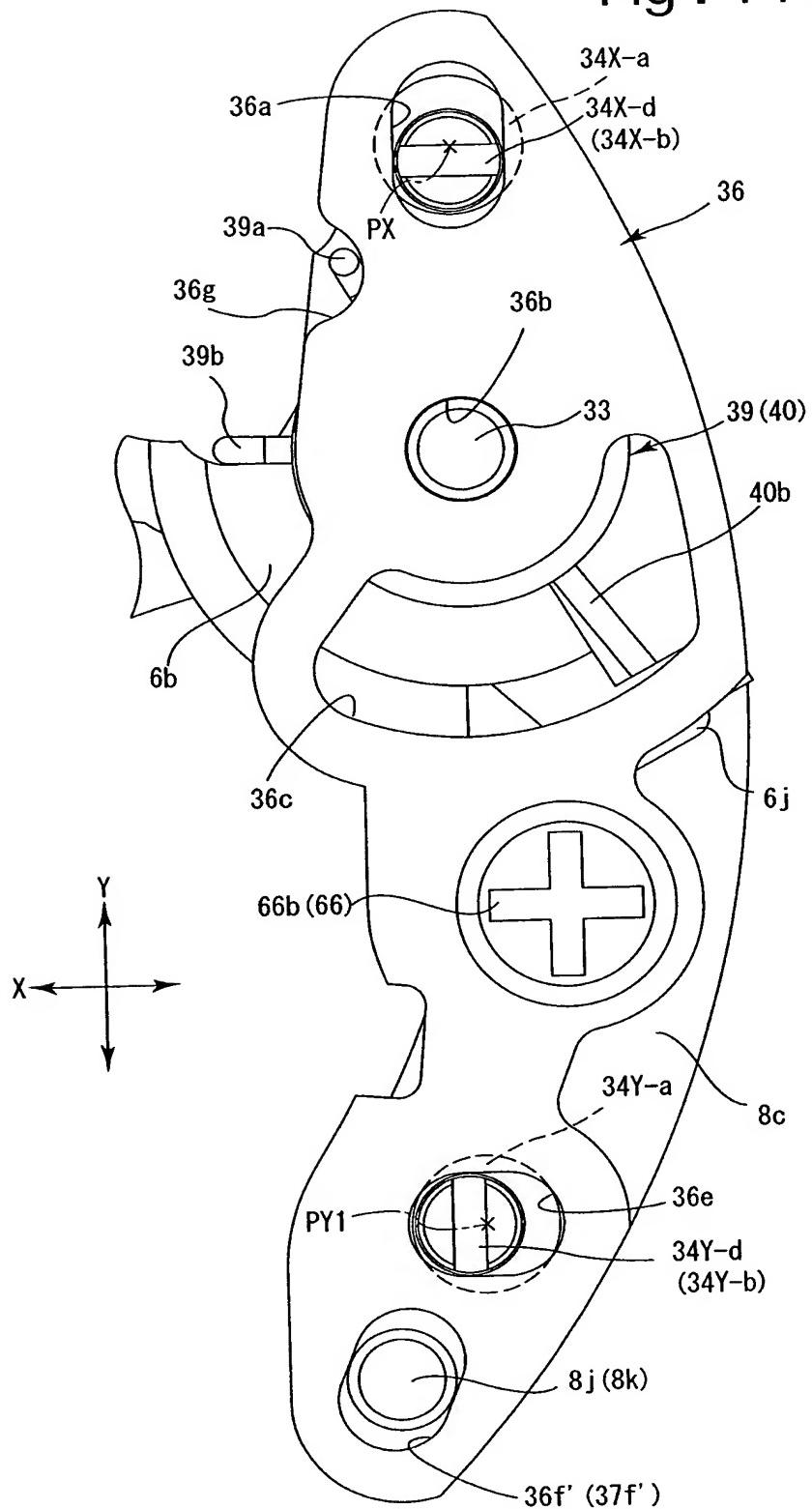
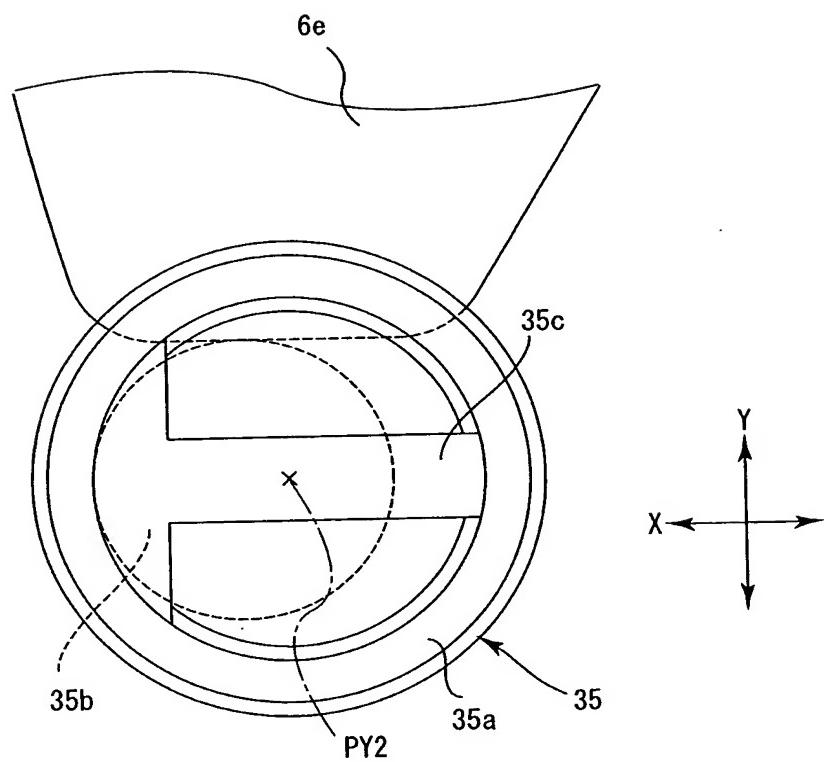


Fig . 117



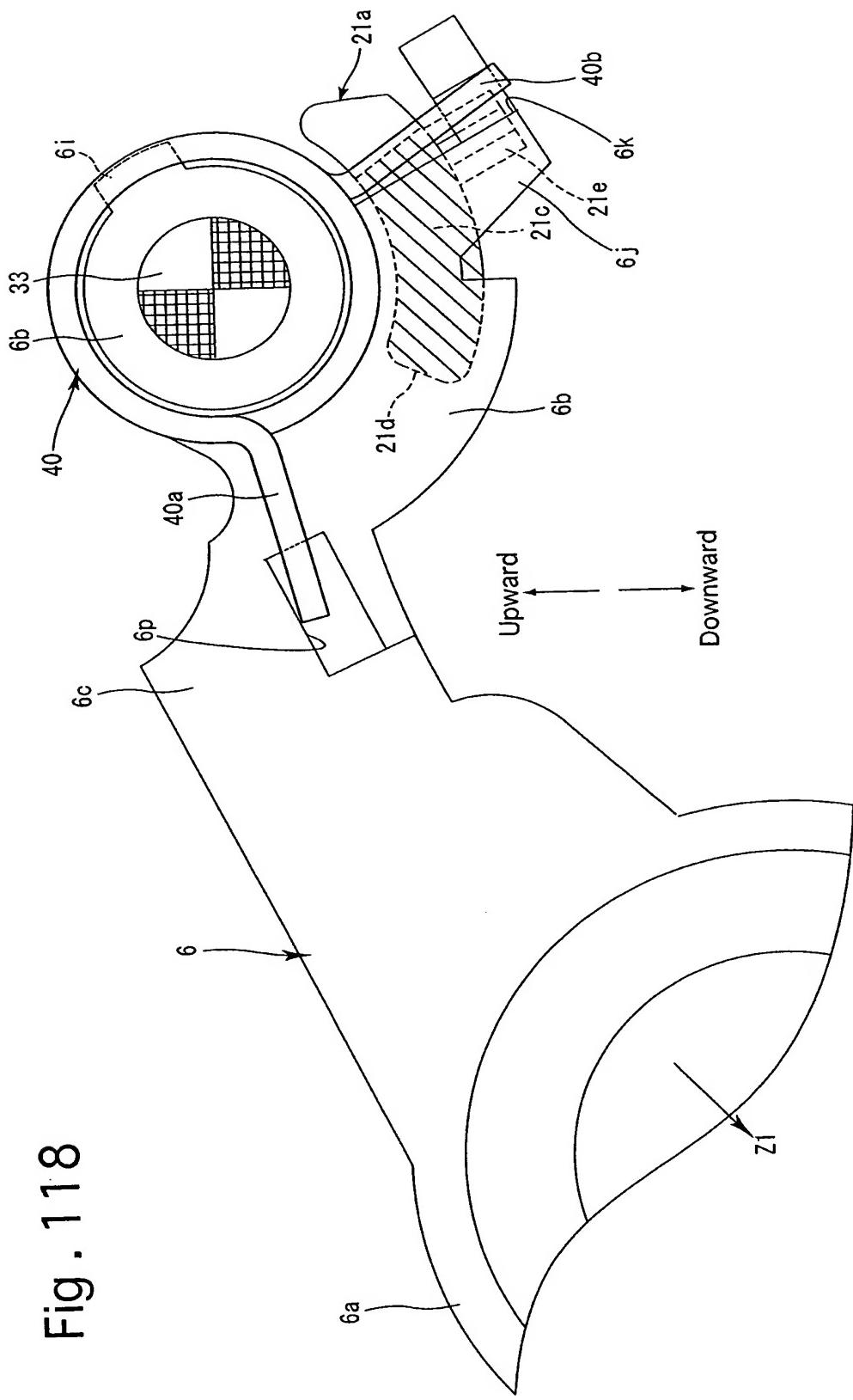


Fig. 118

Fig . 119

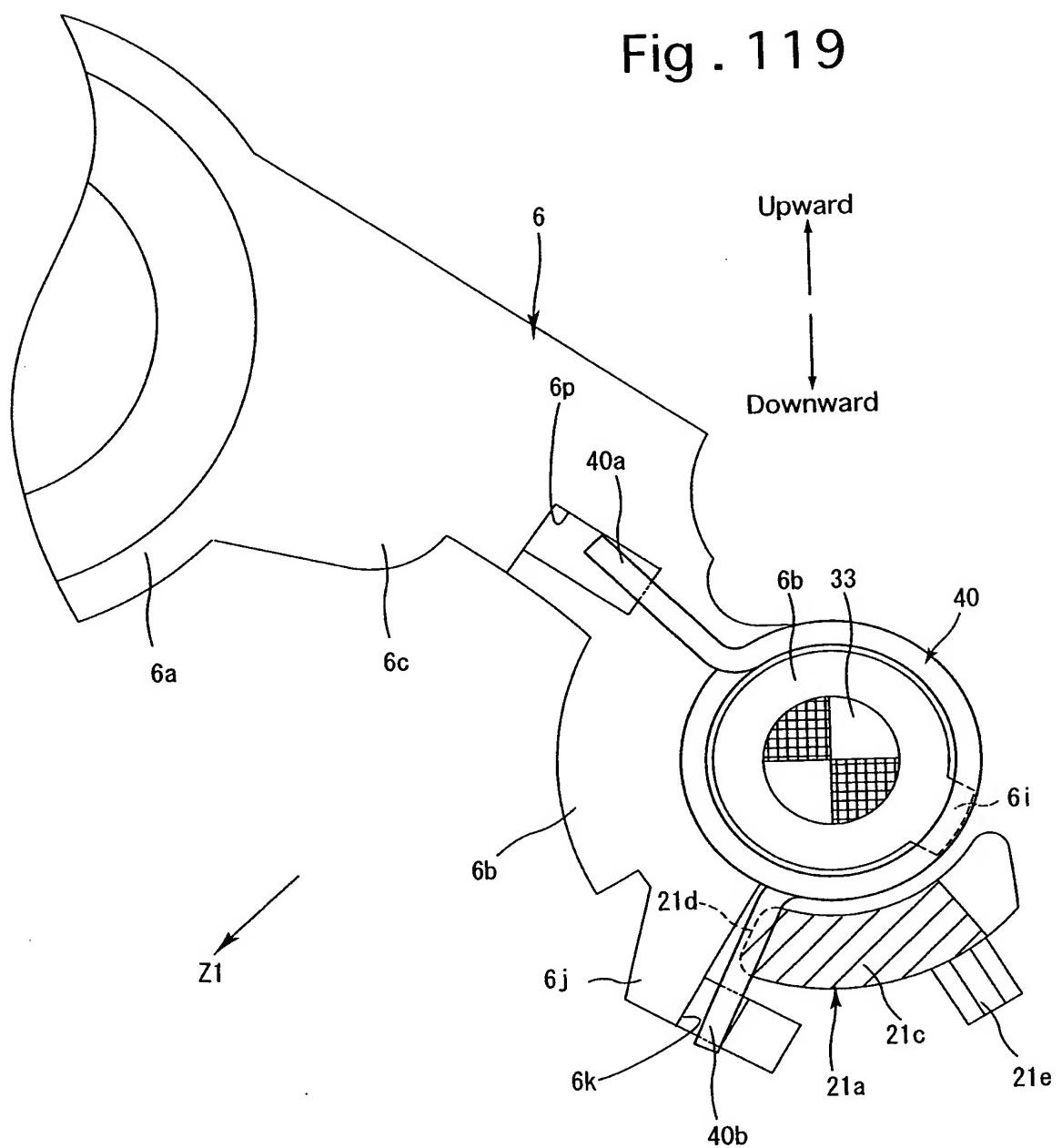


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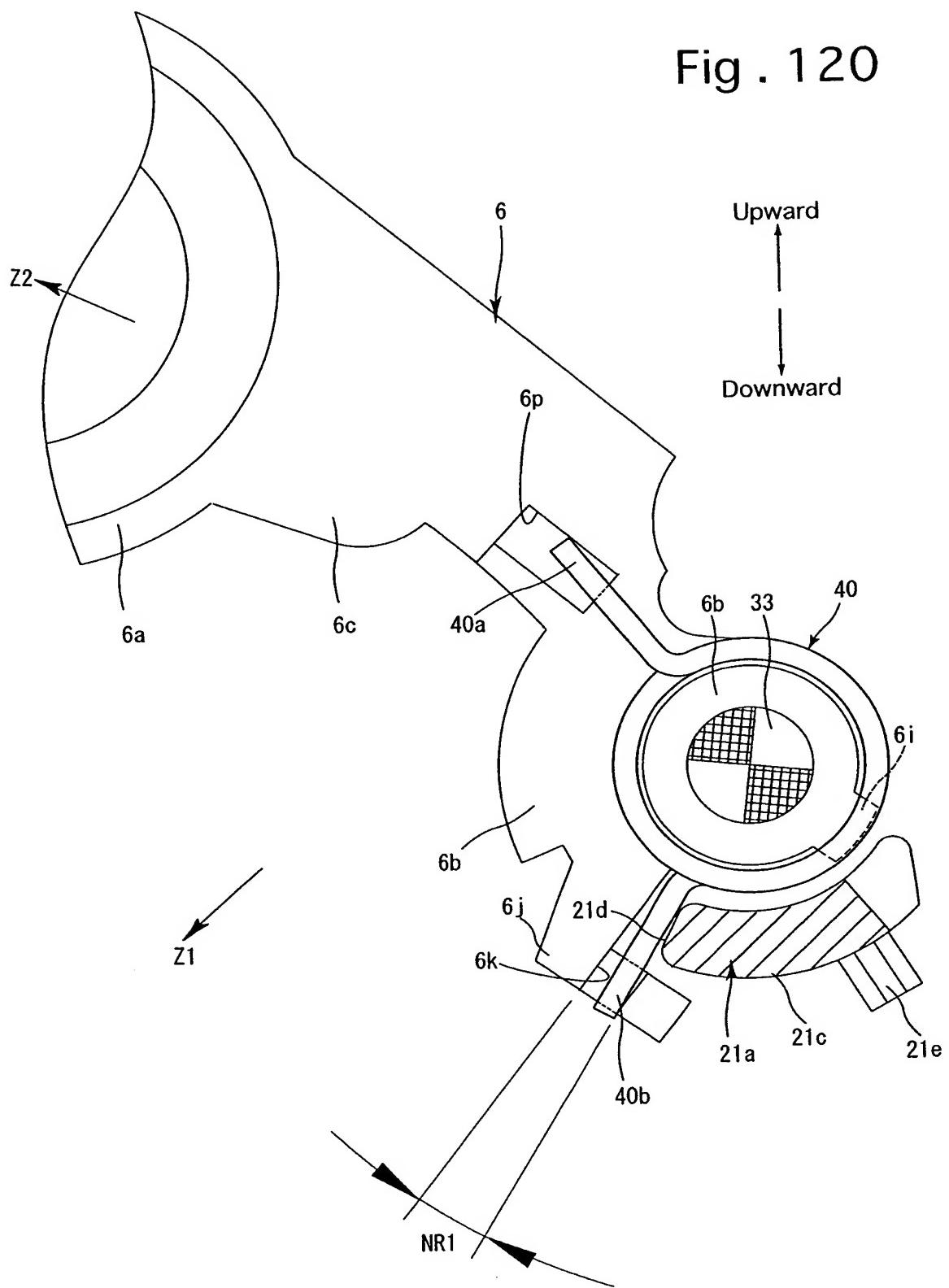


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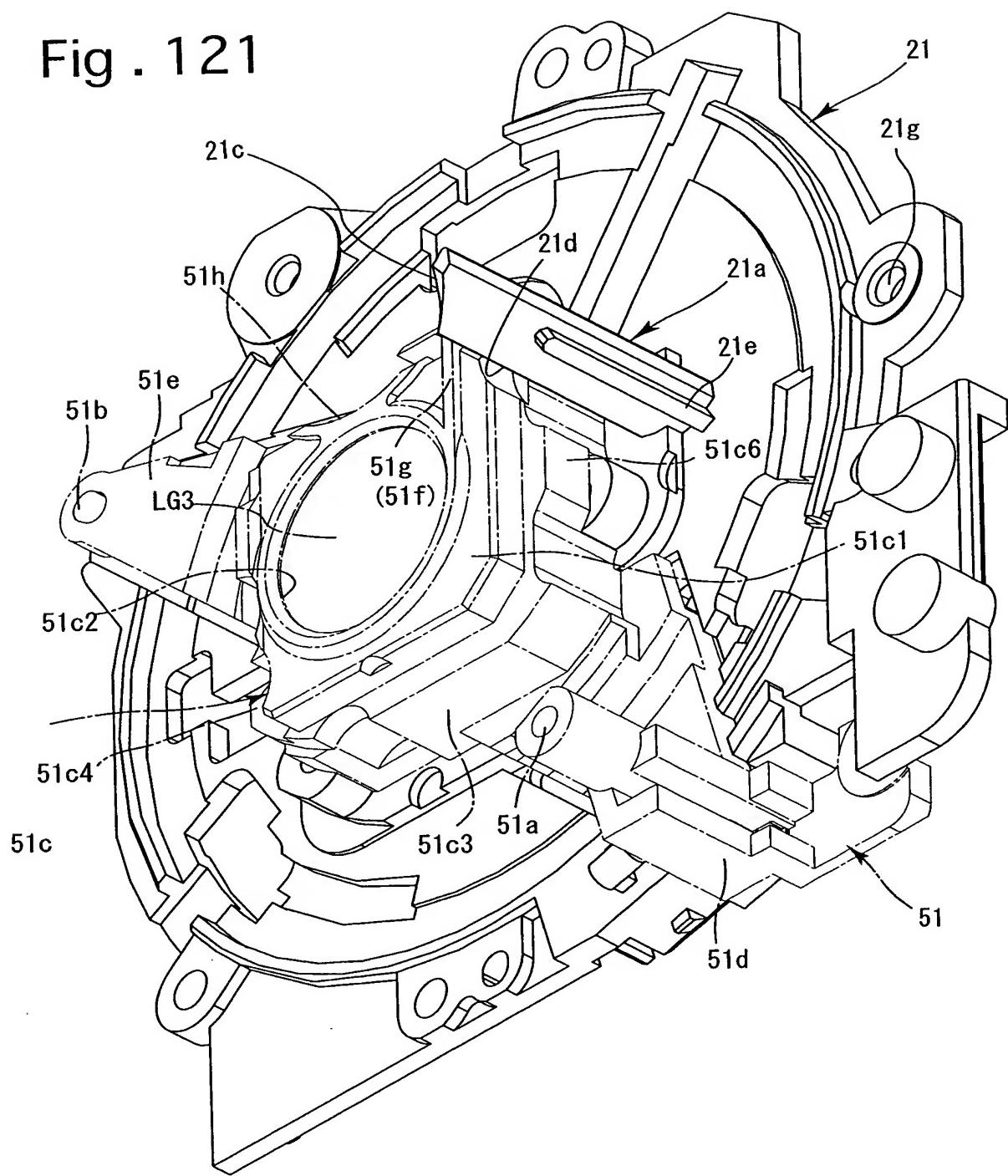


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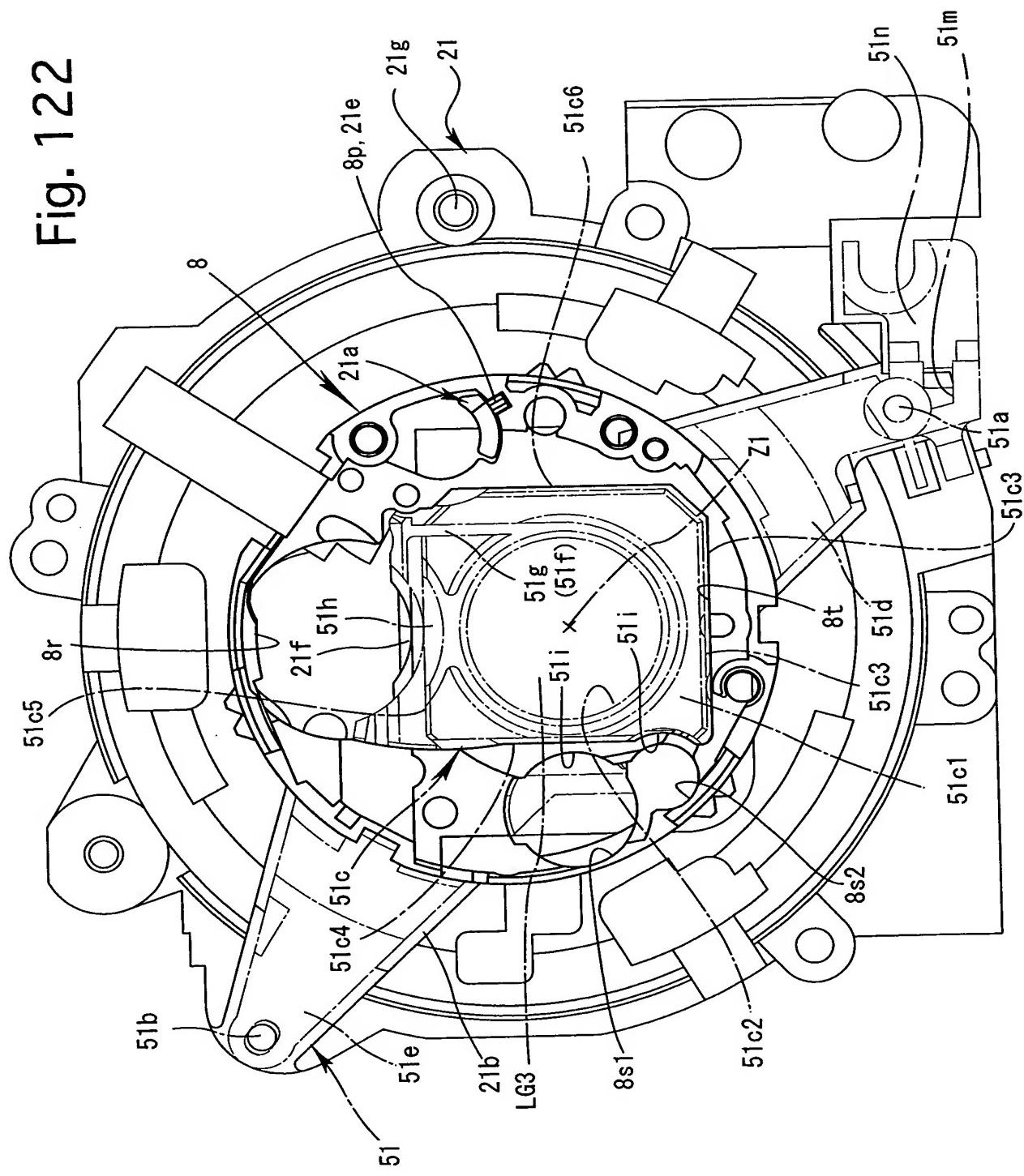


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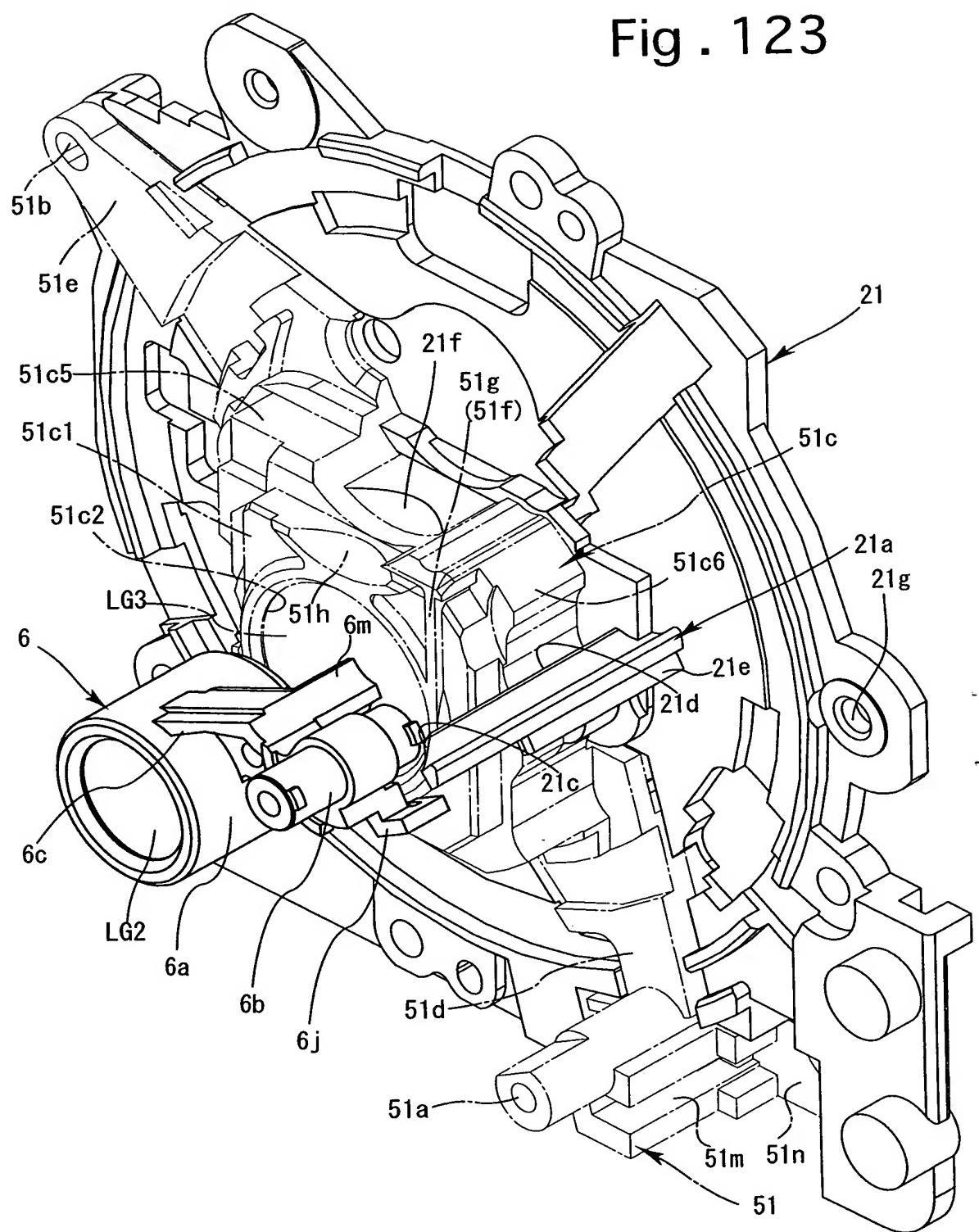


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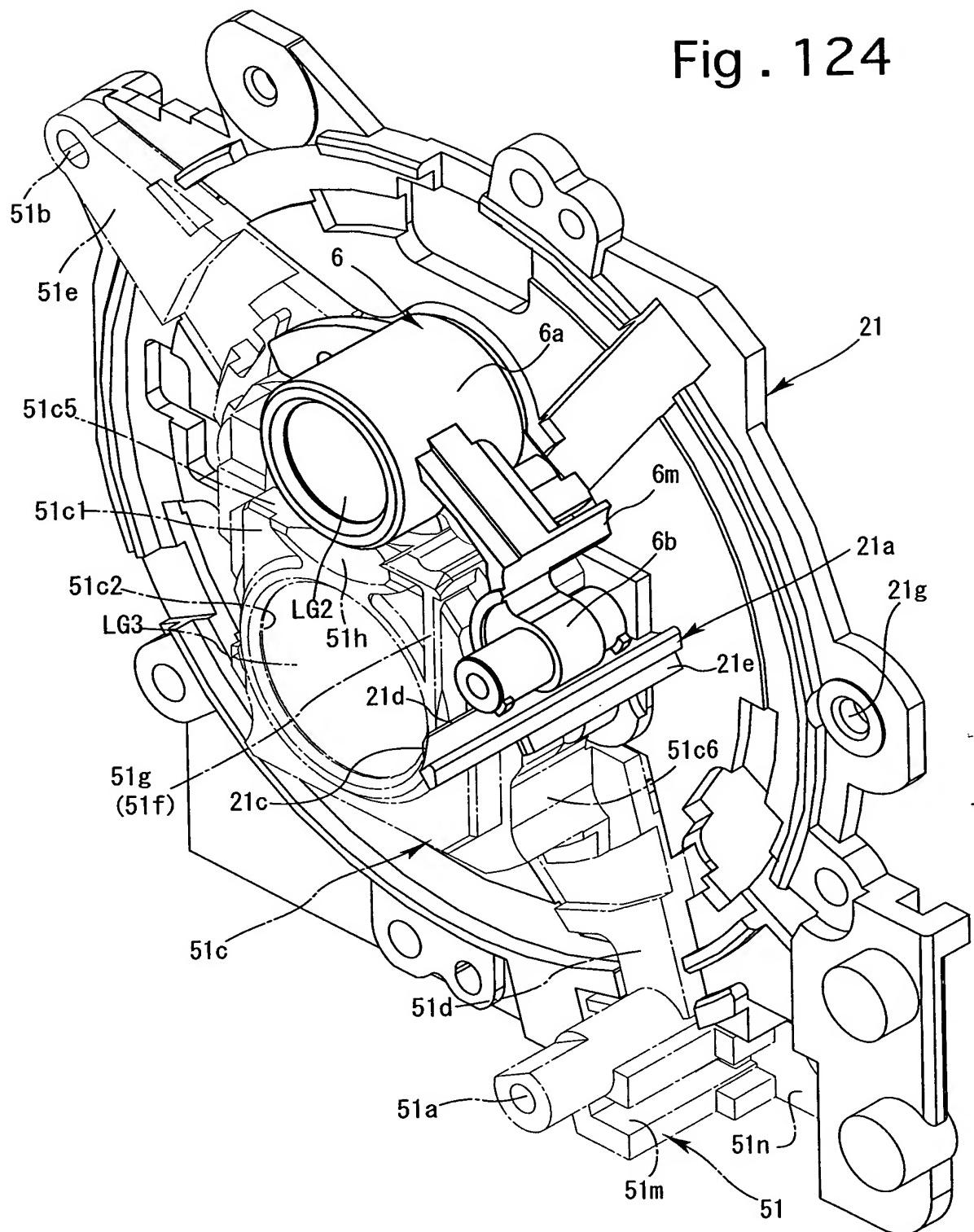


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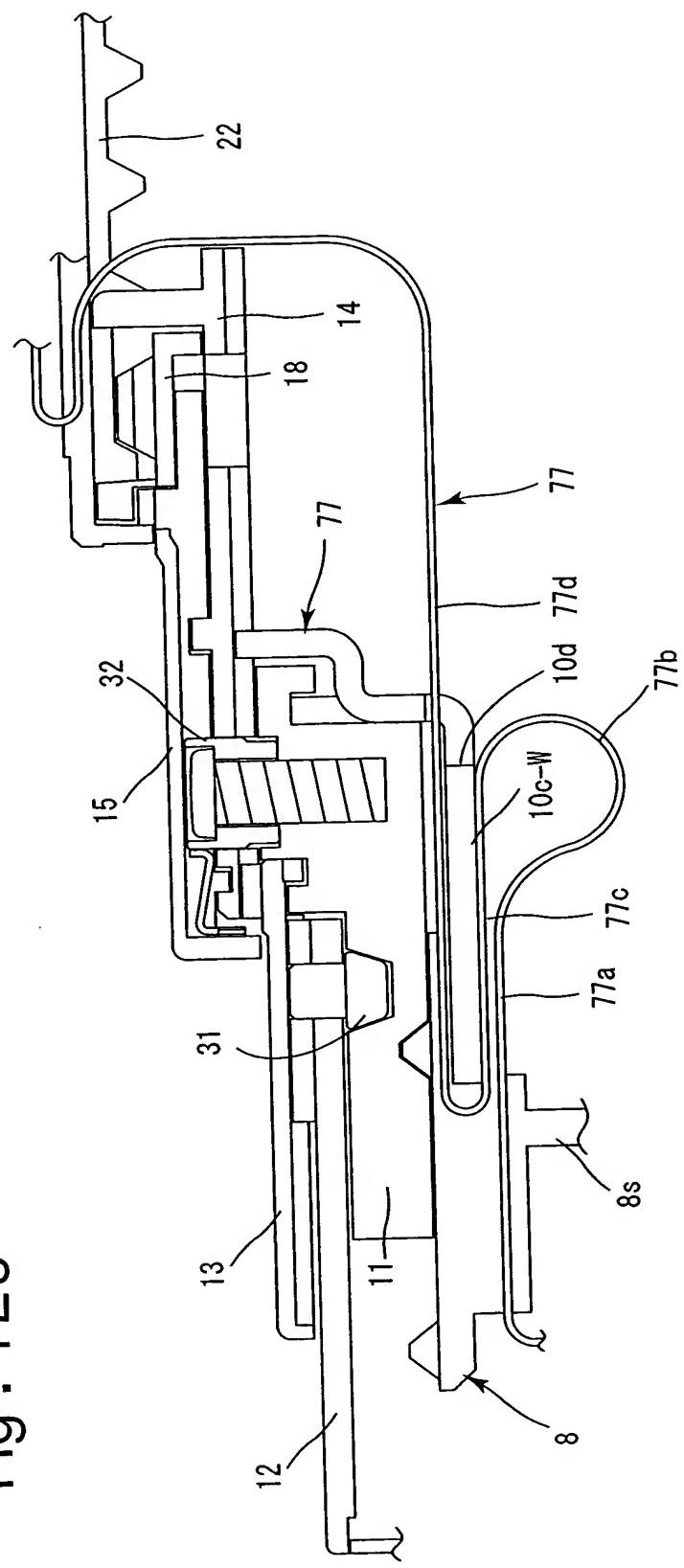


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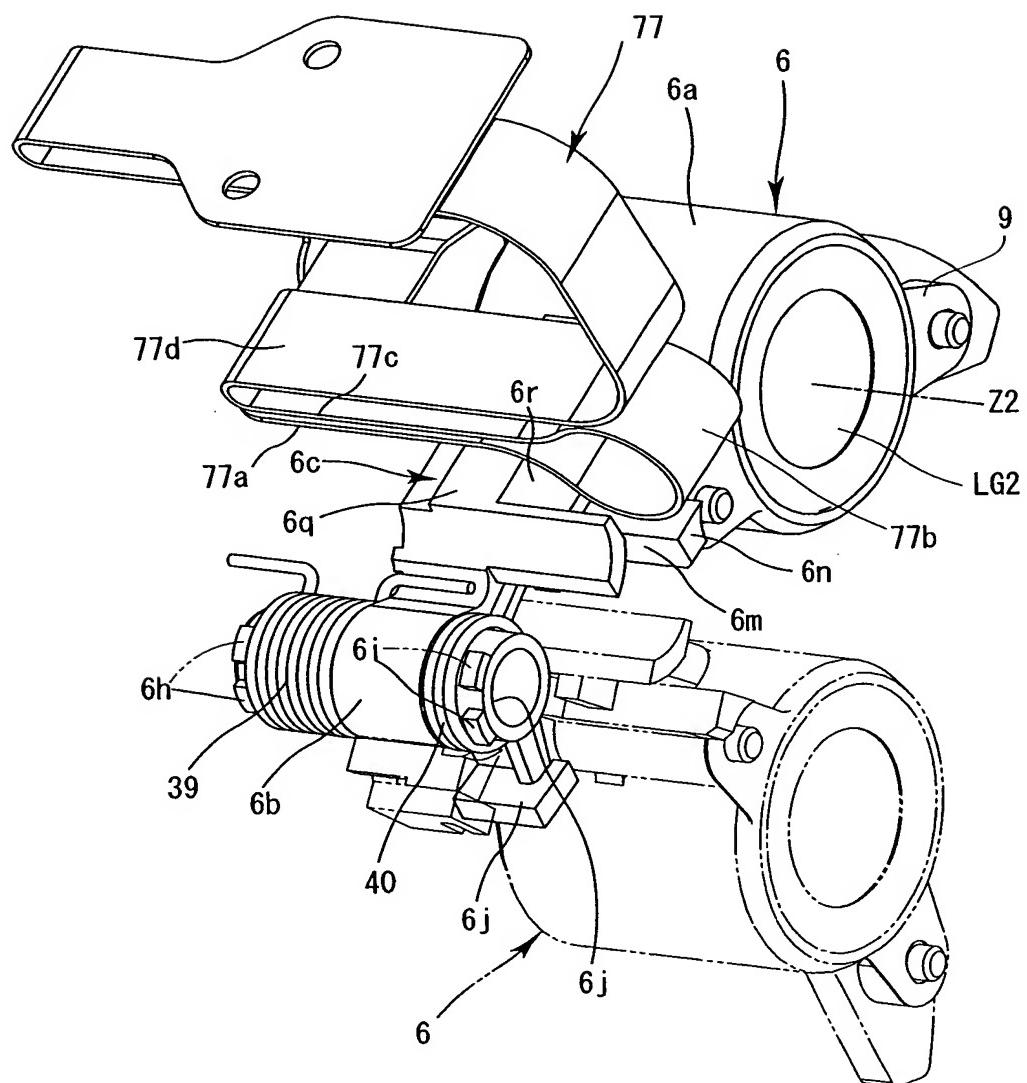


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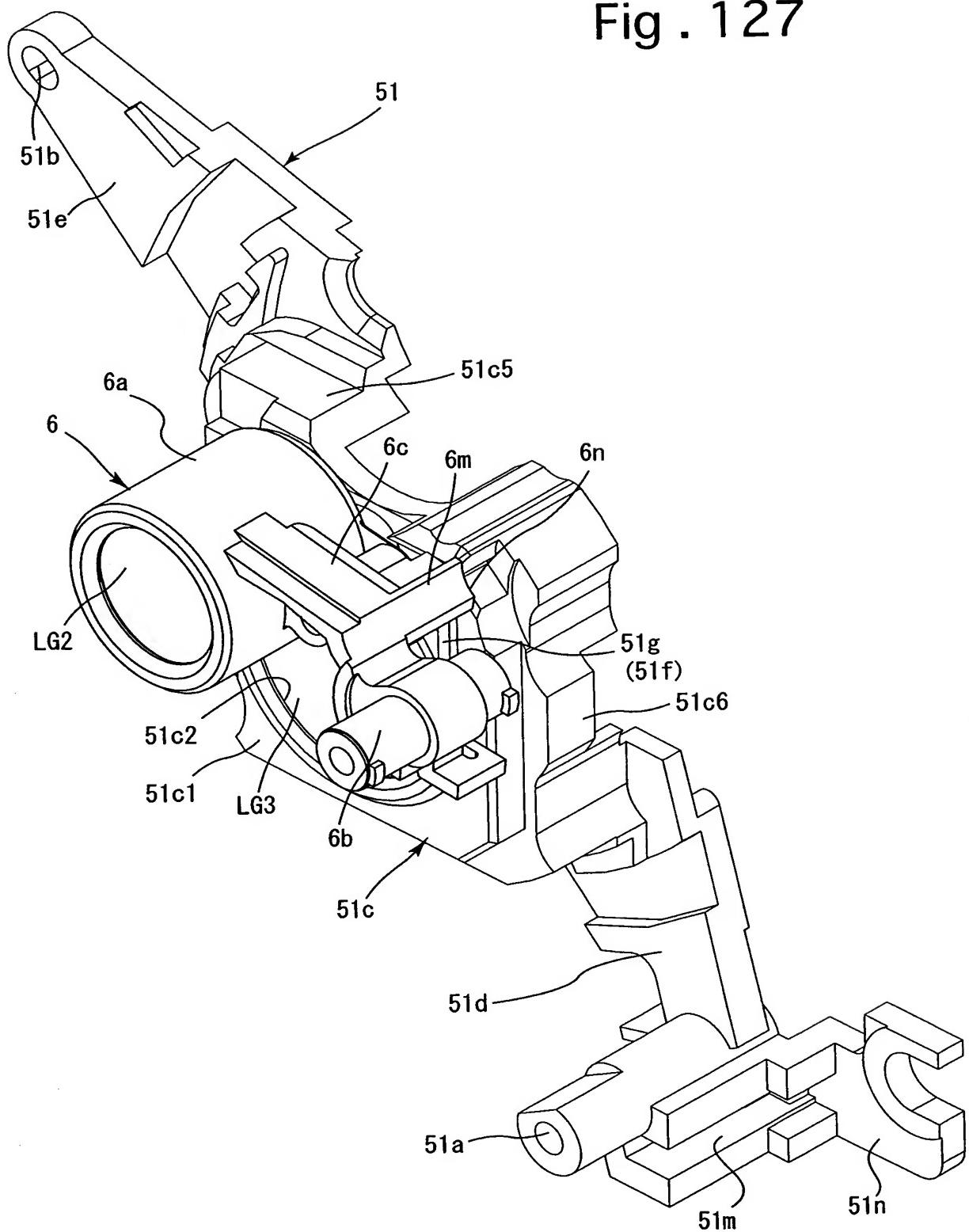


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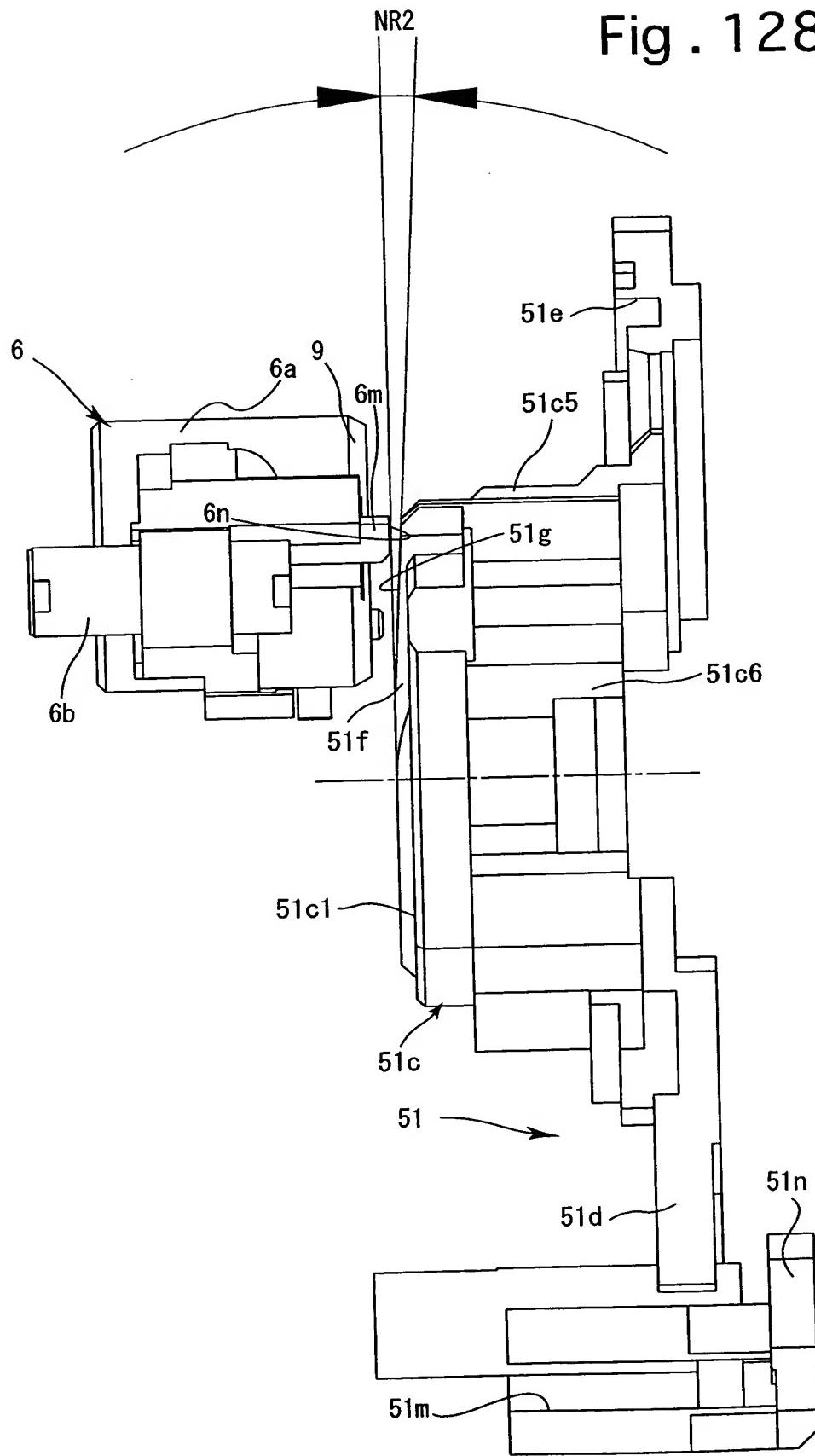


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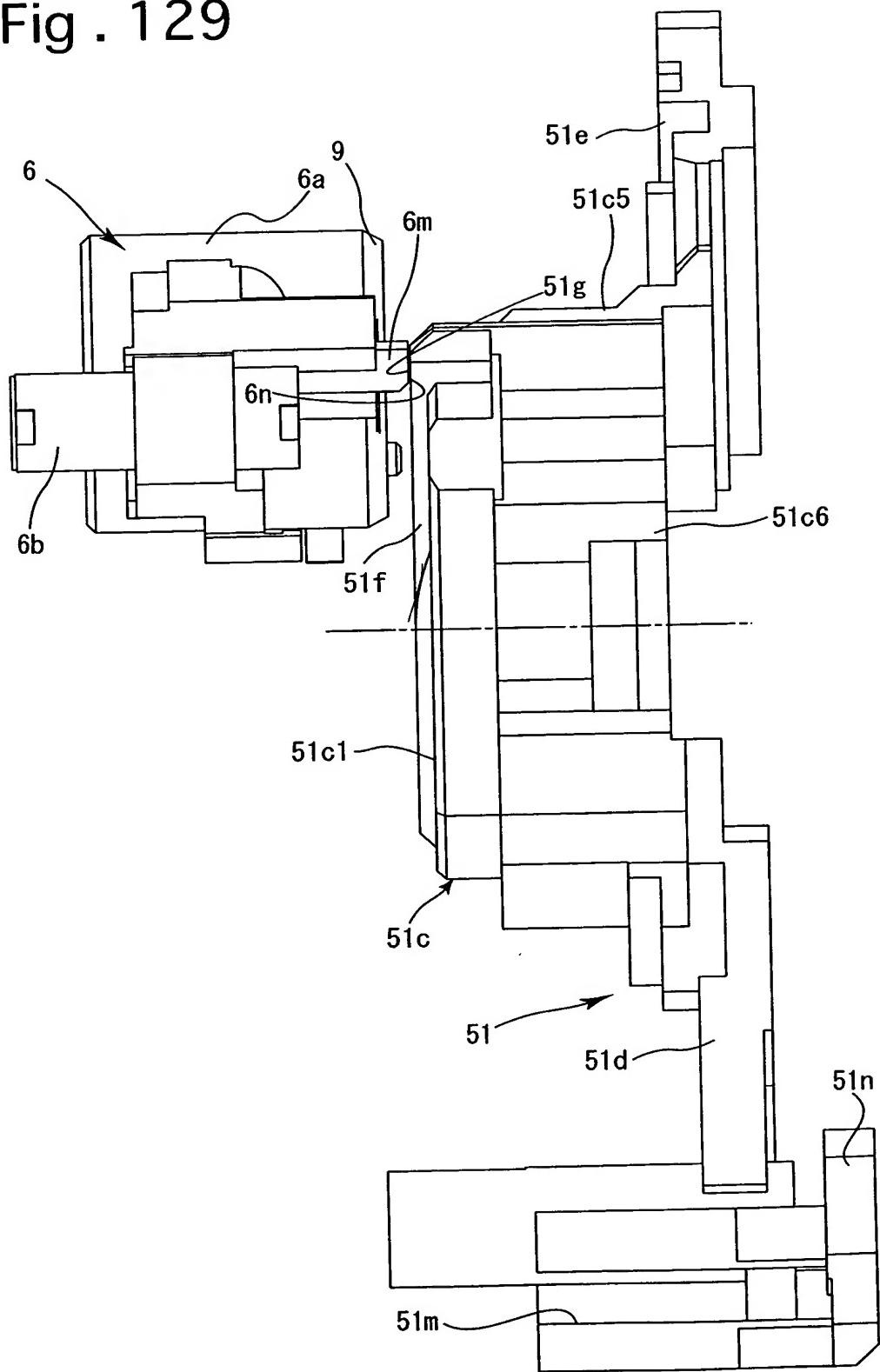


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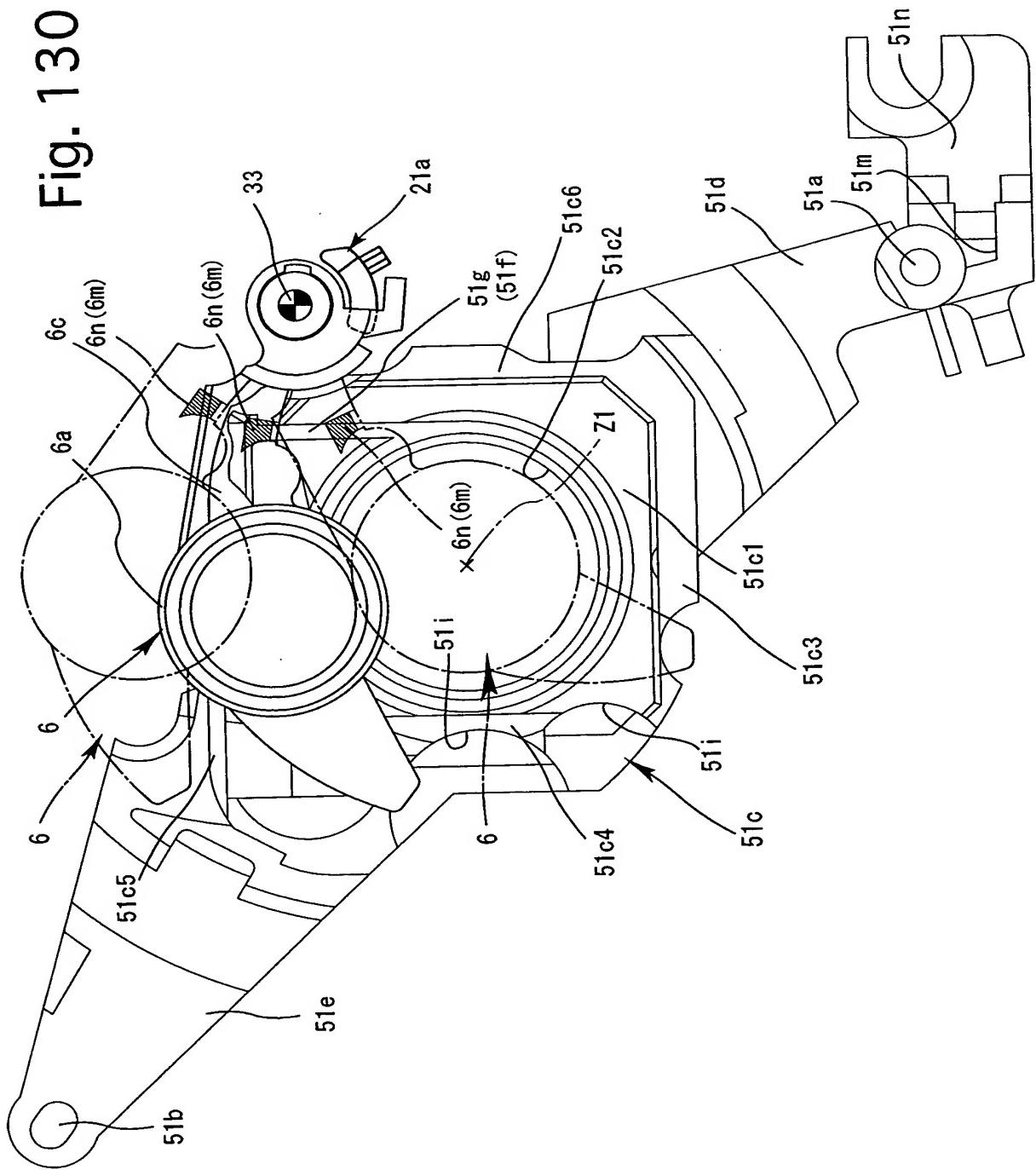


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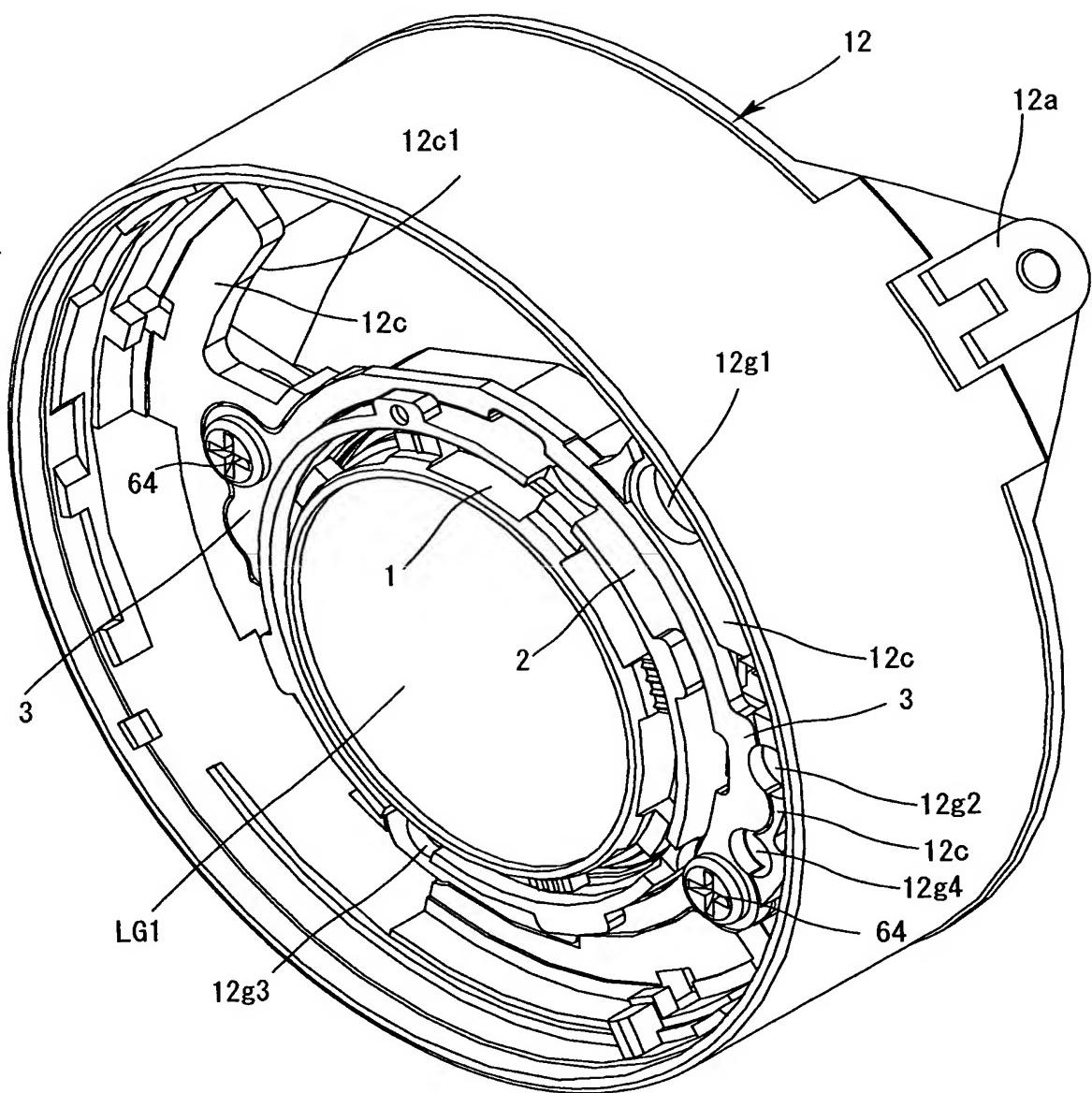


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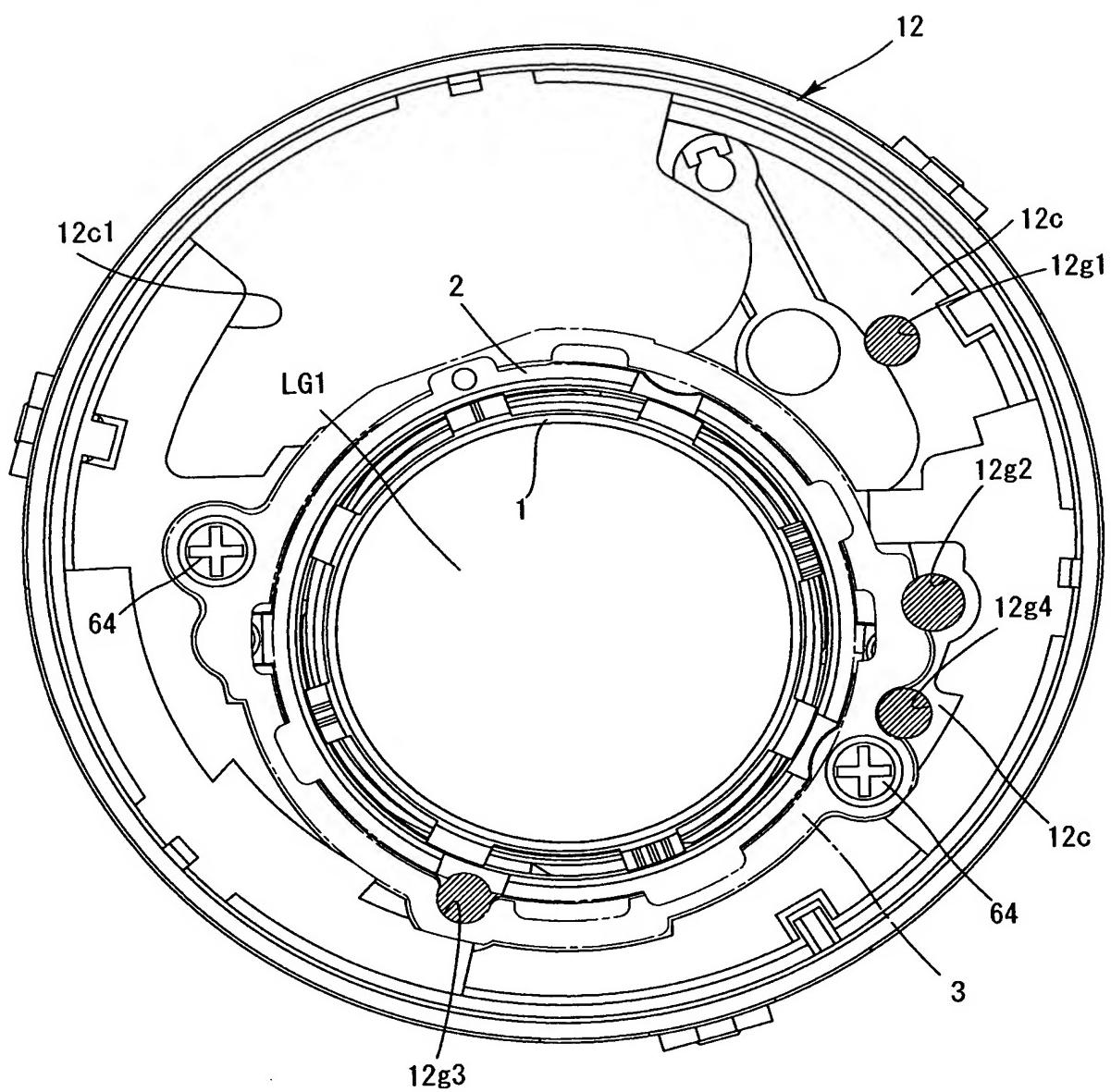
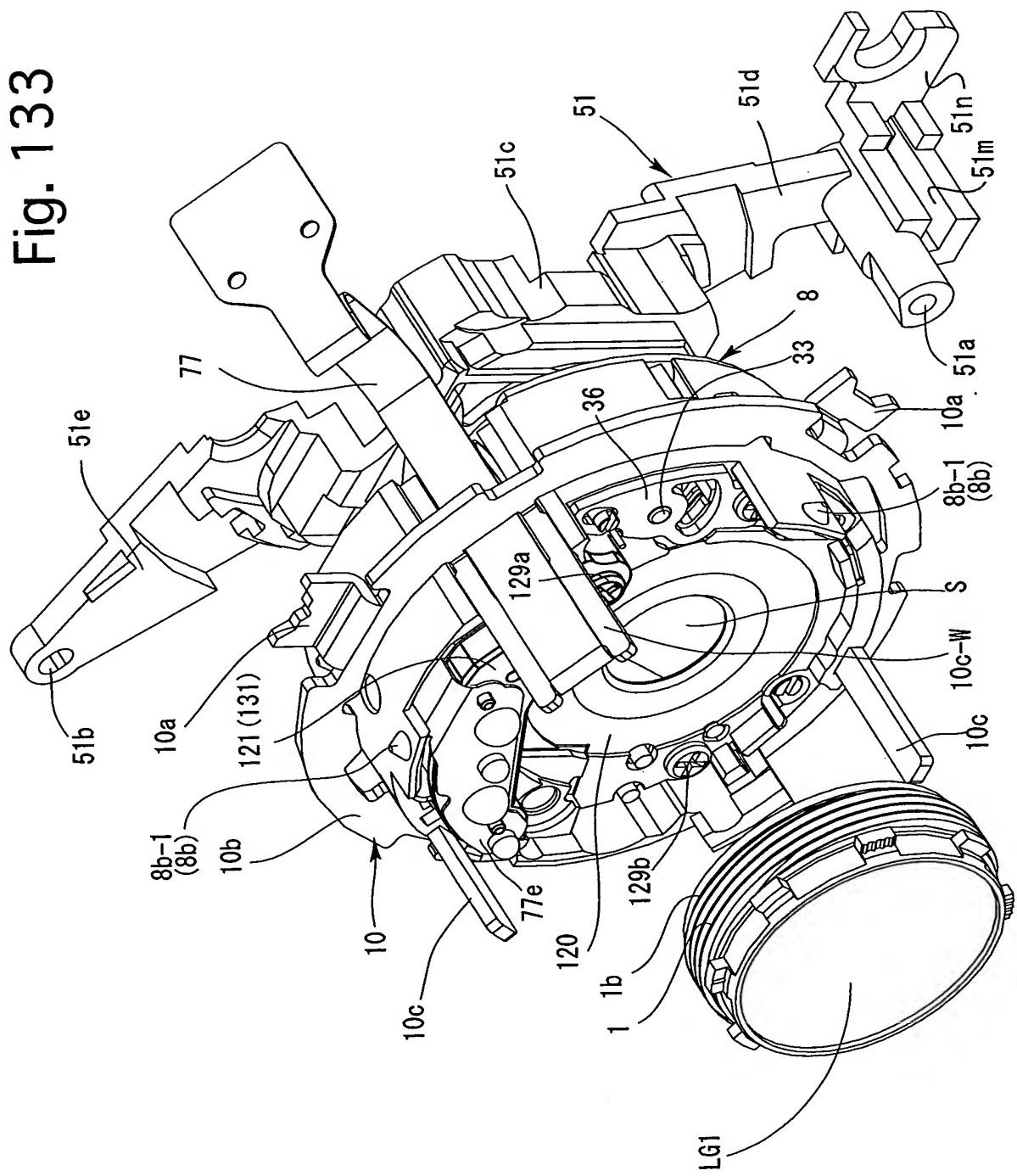


Fig. 133



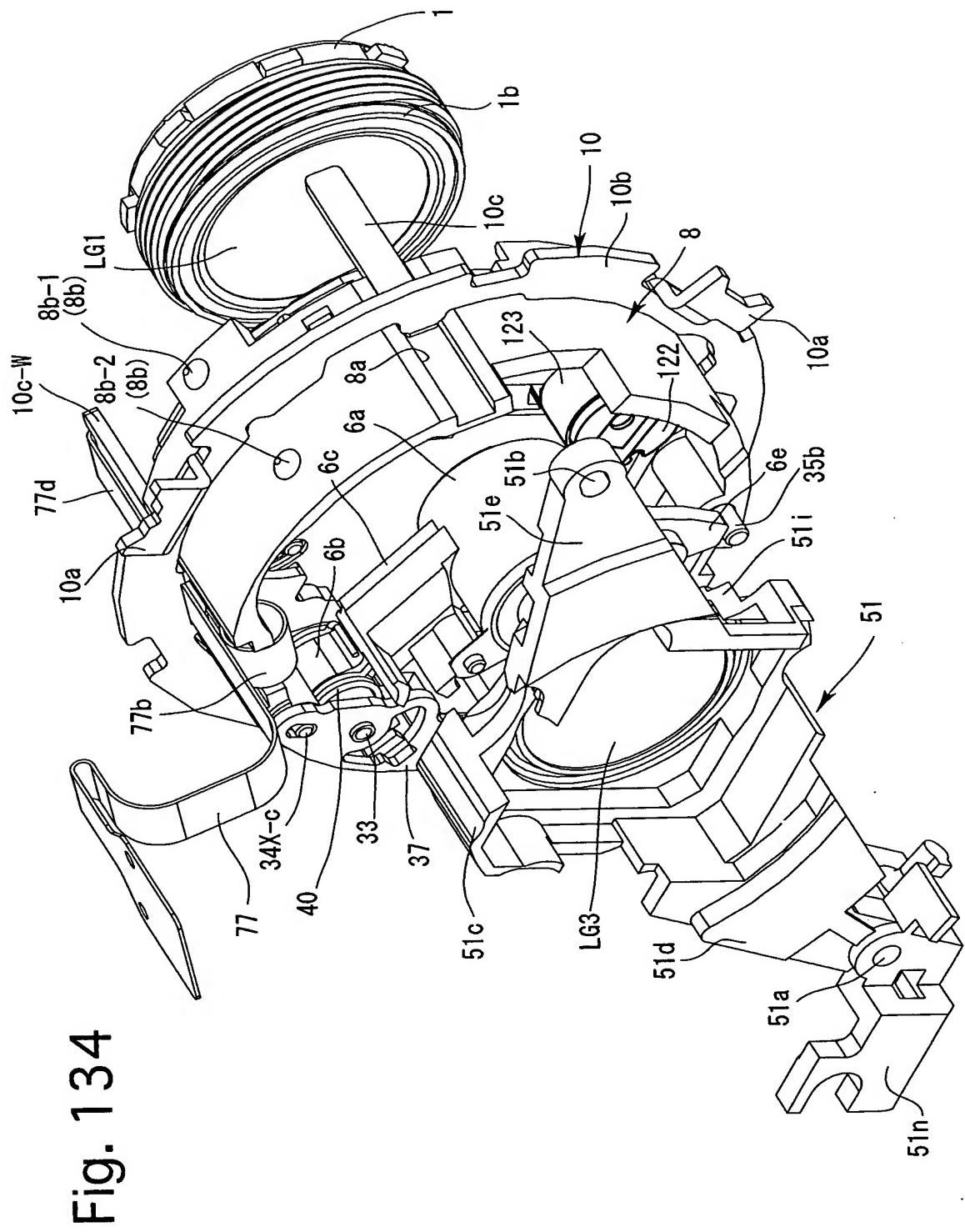


Fig. 134

Fig. 135

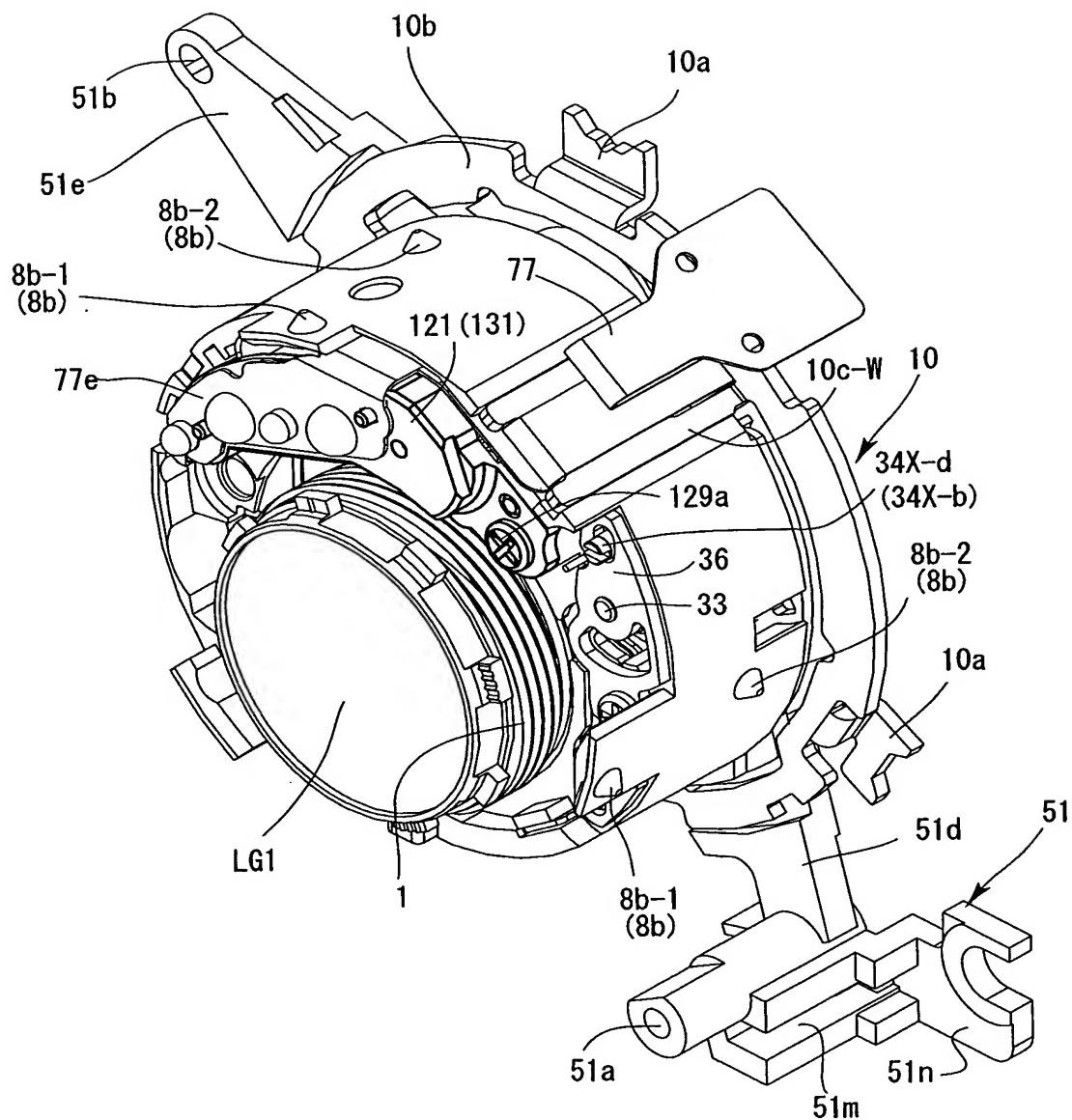


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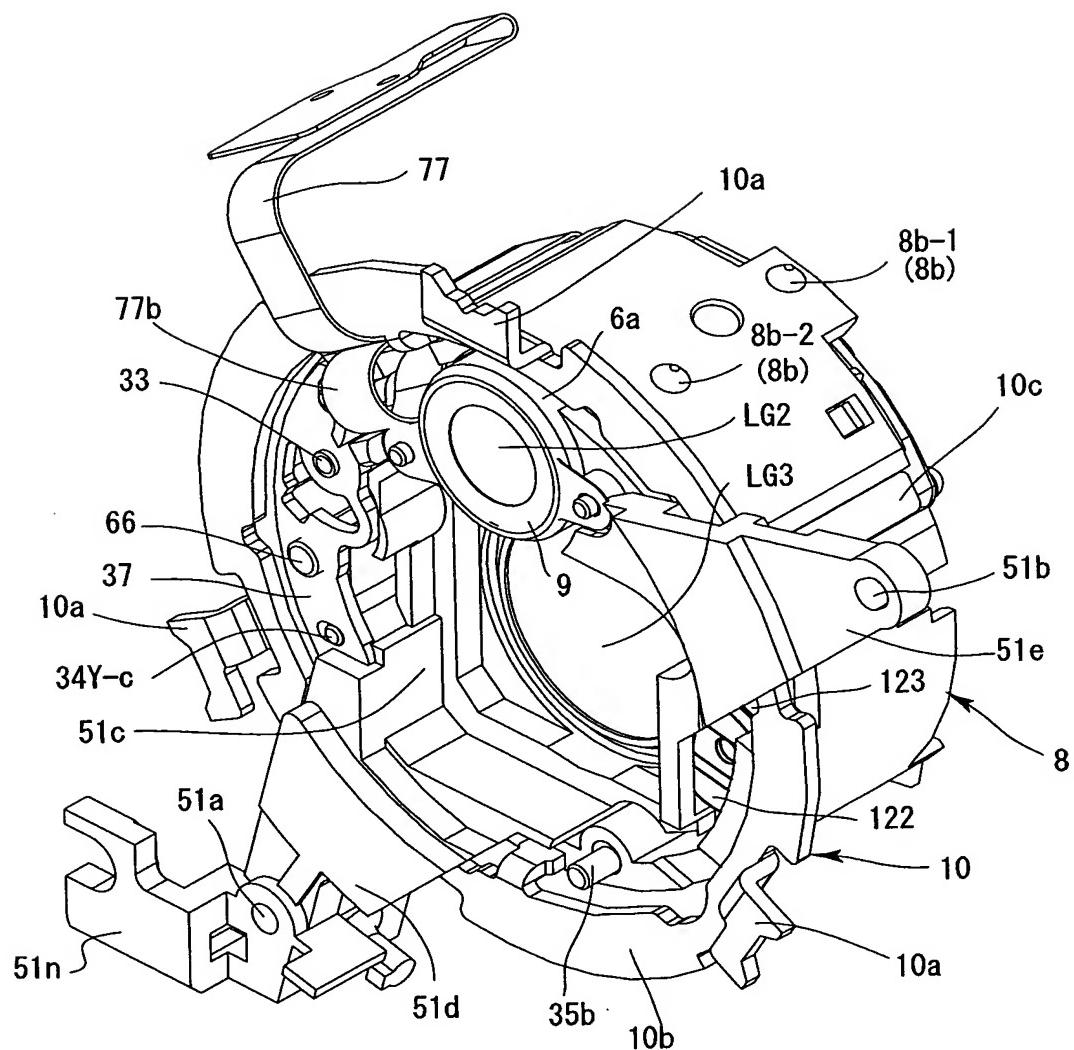


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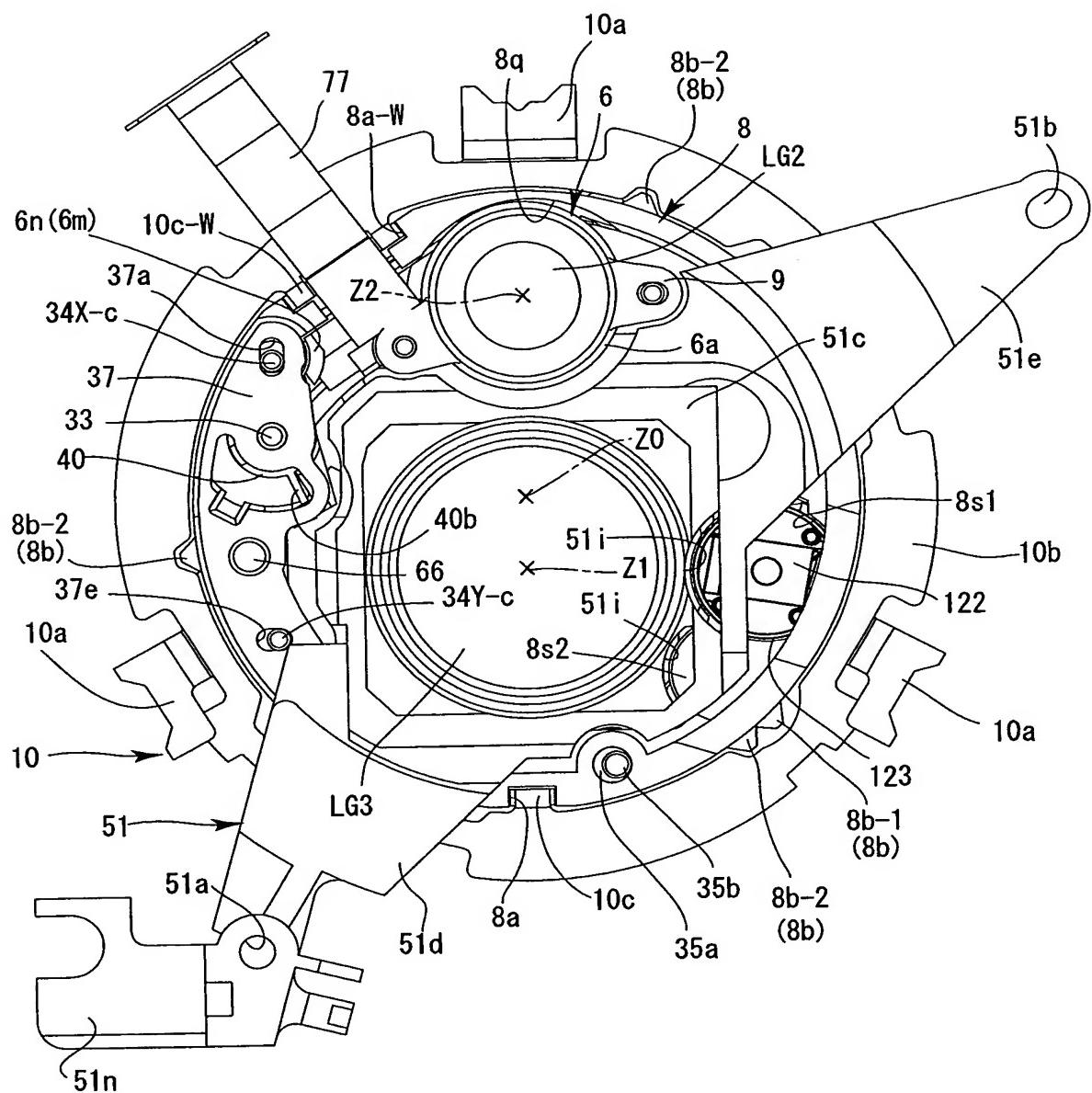


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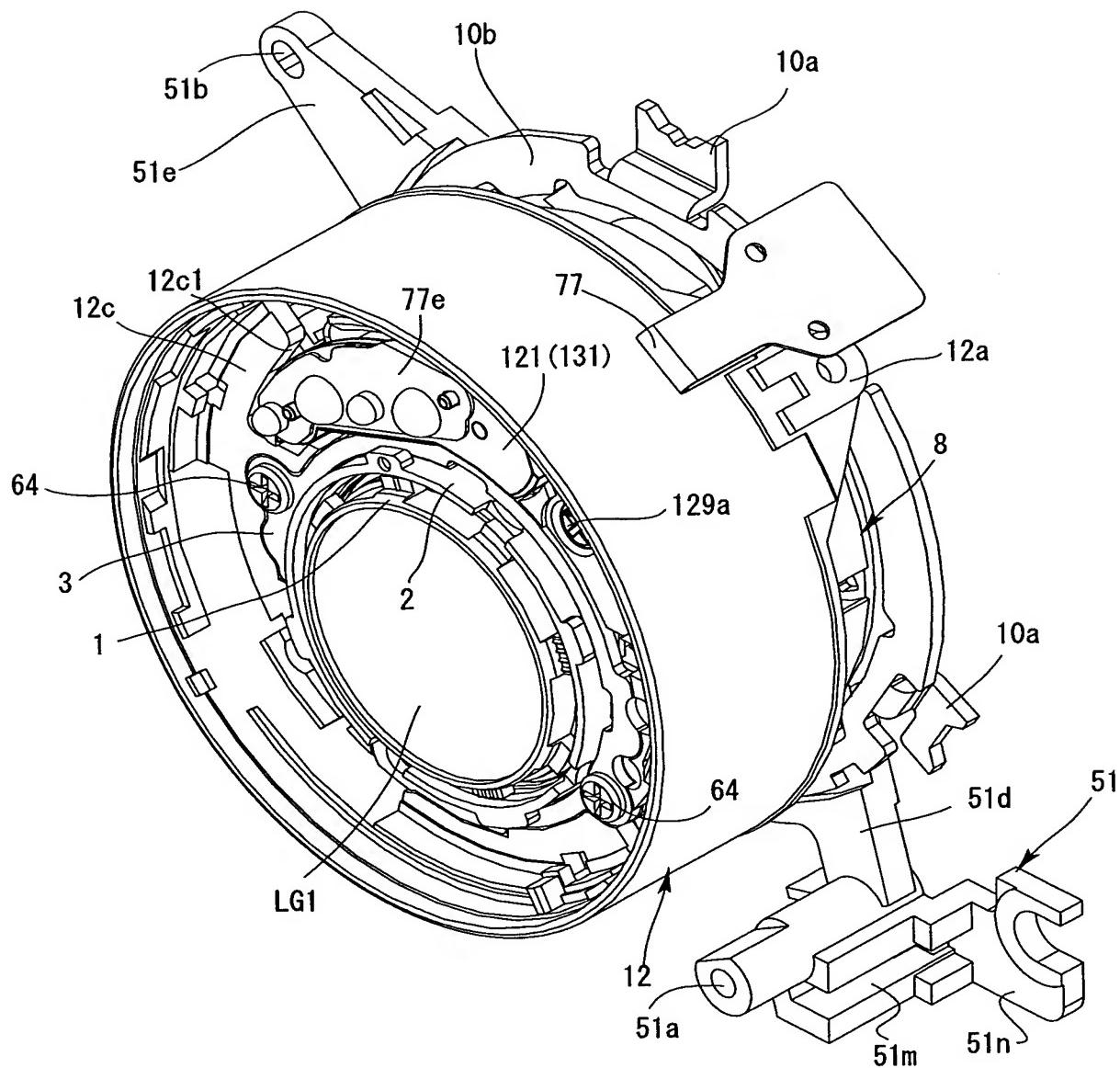


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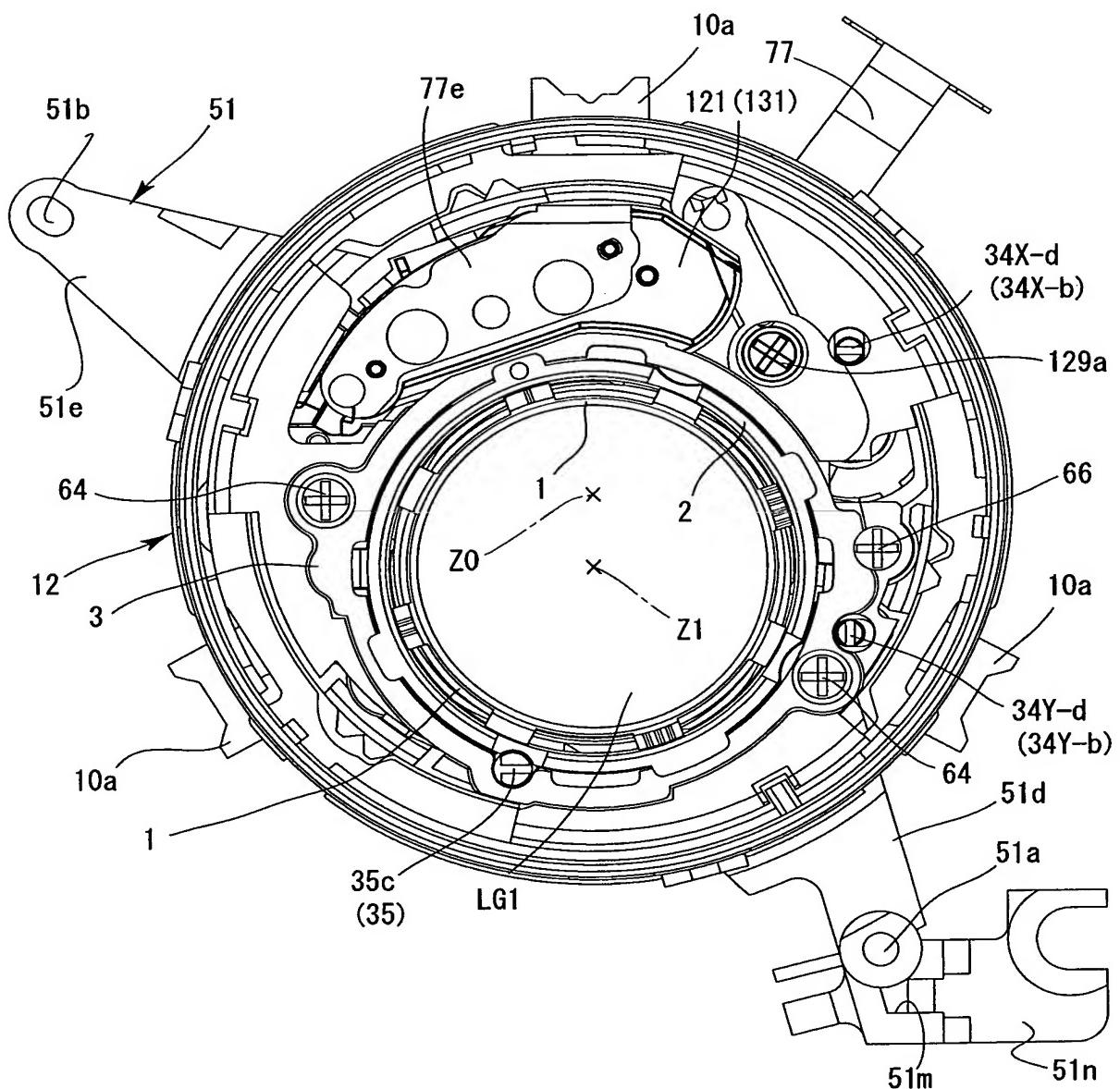


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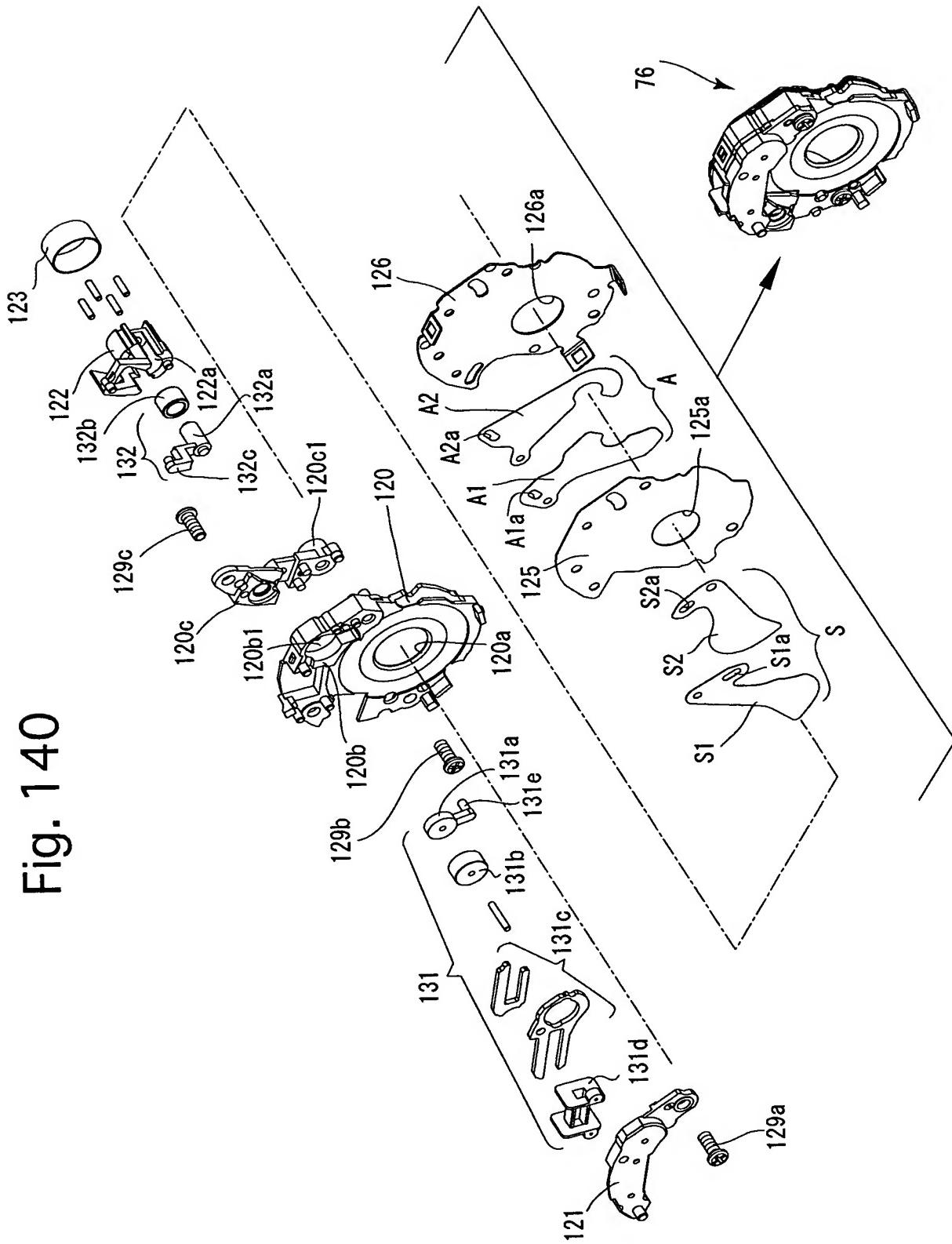


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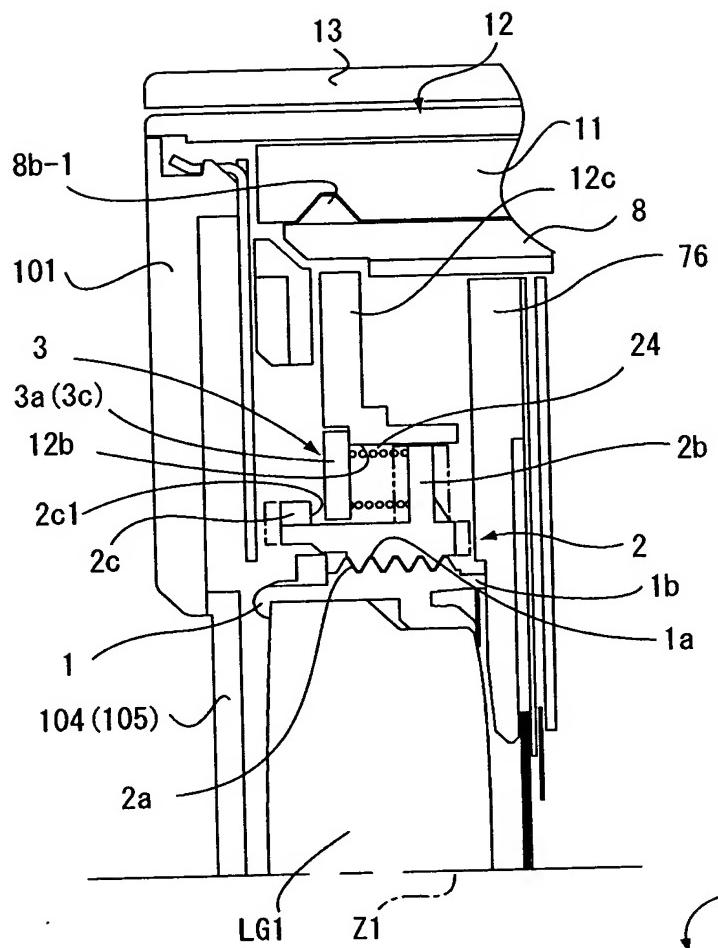


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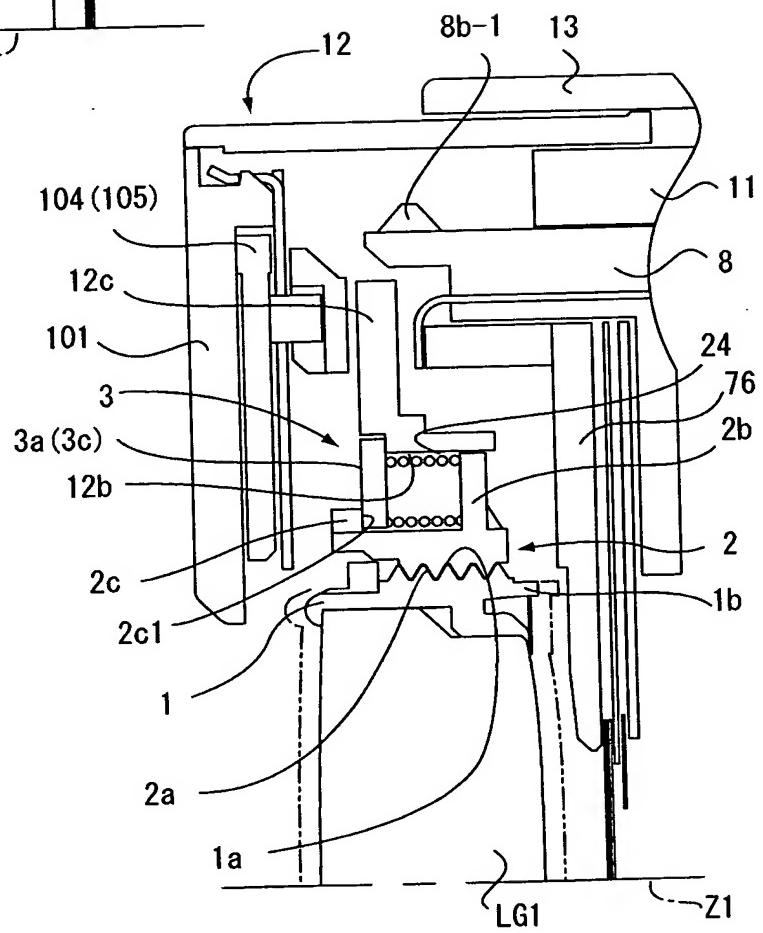


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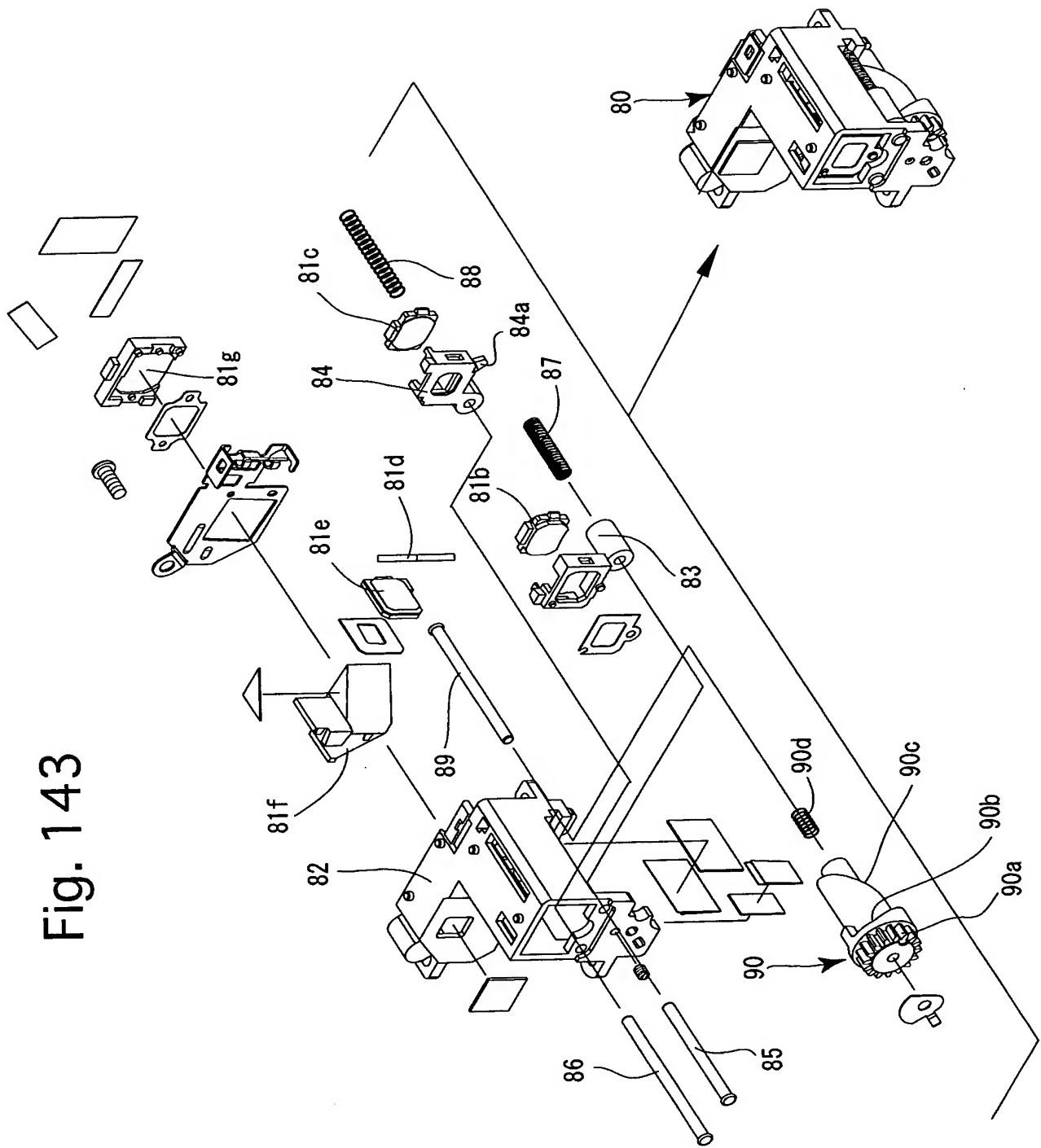


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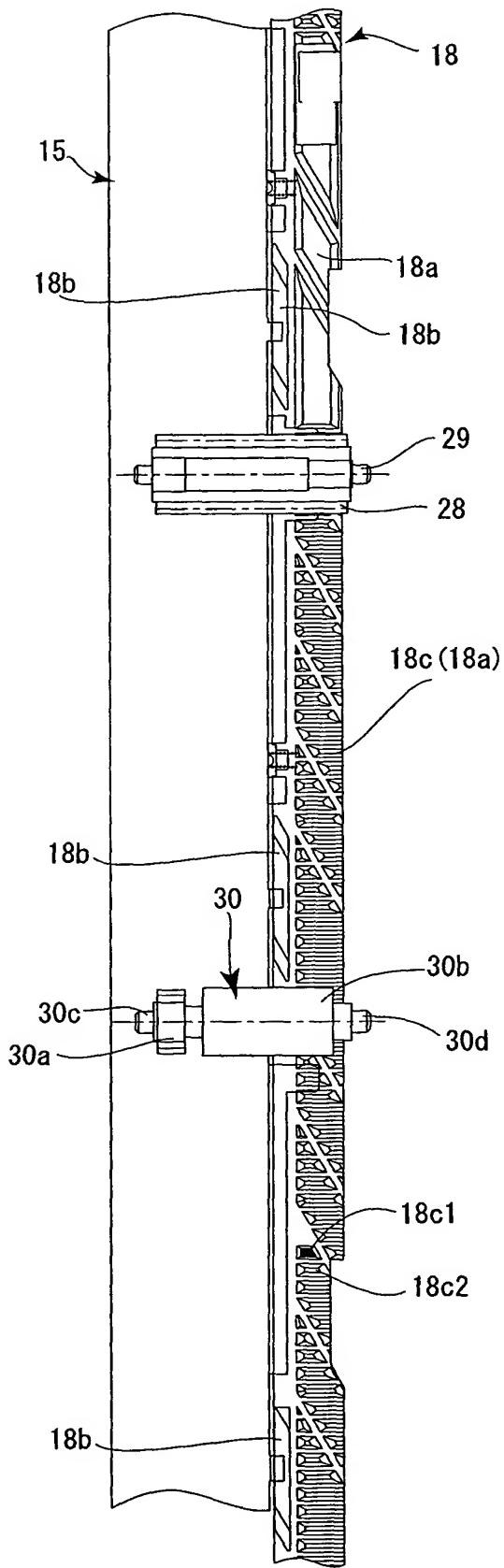


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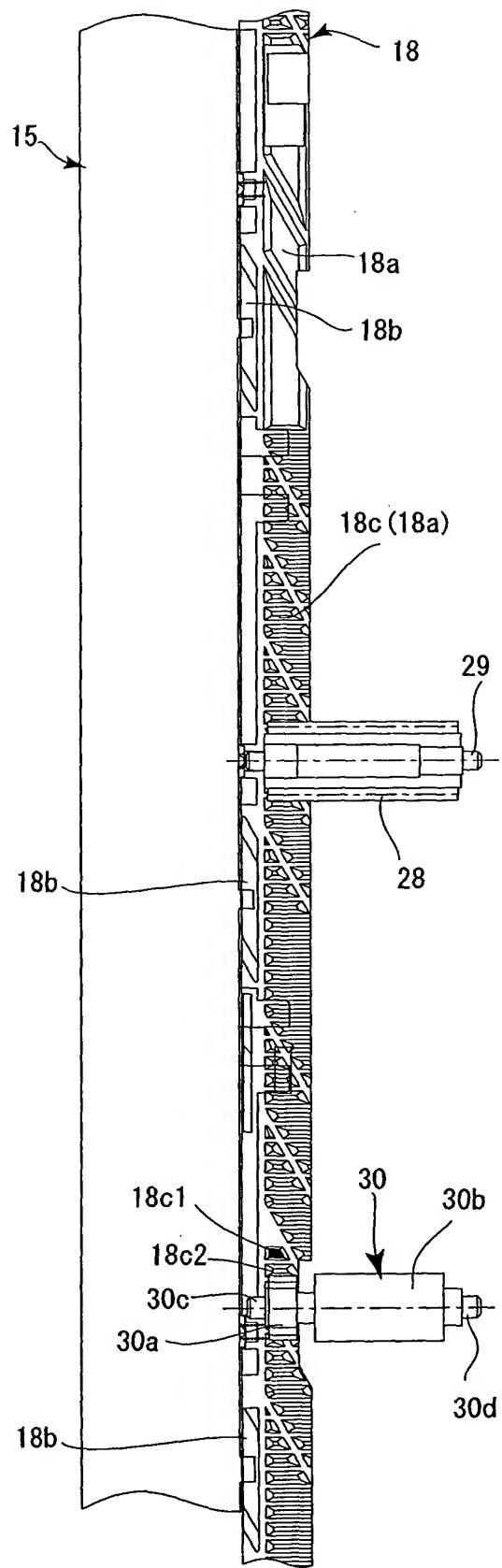


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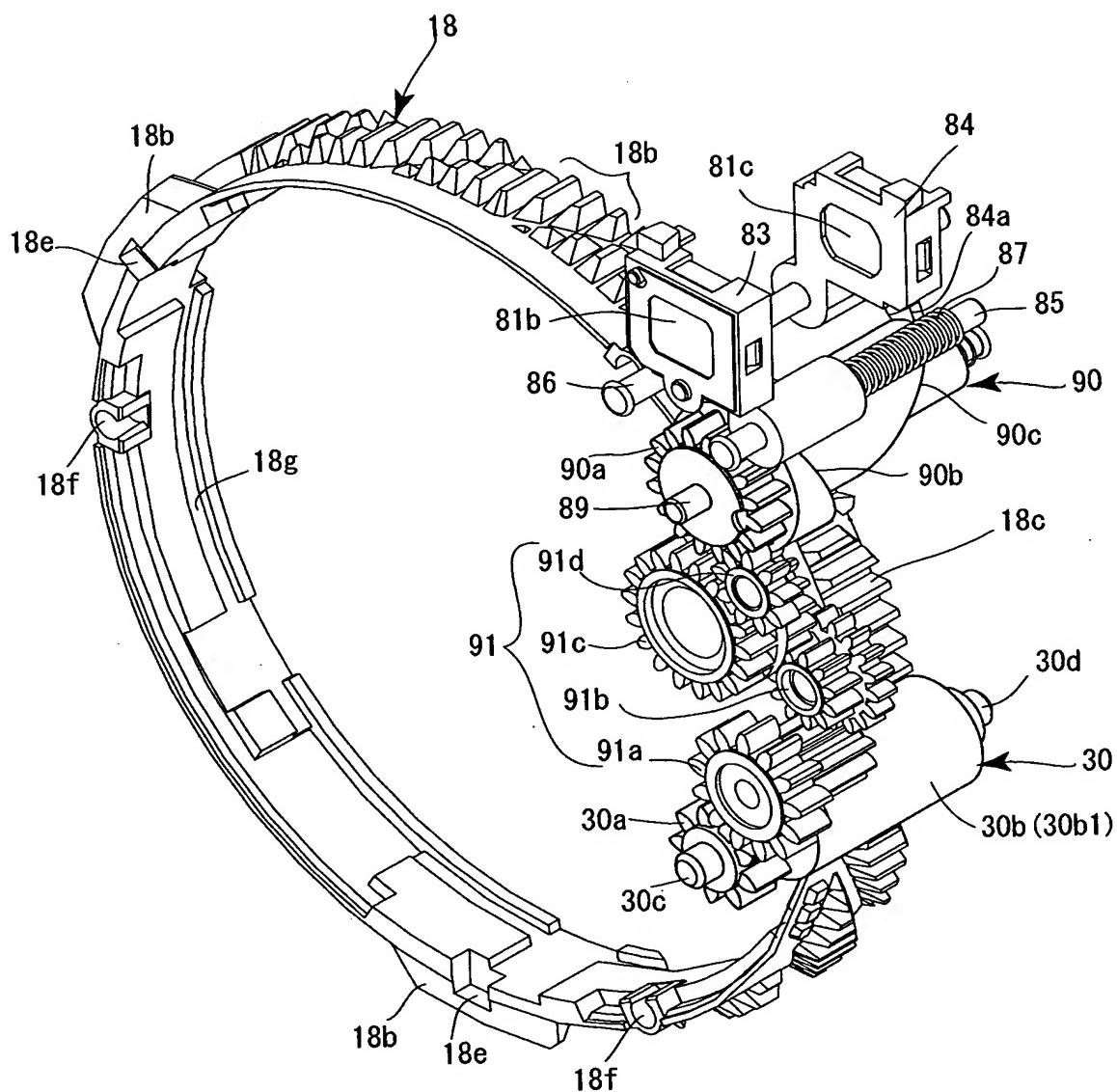


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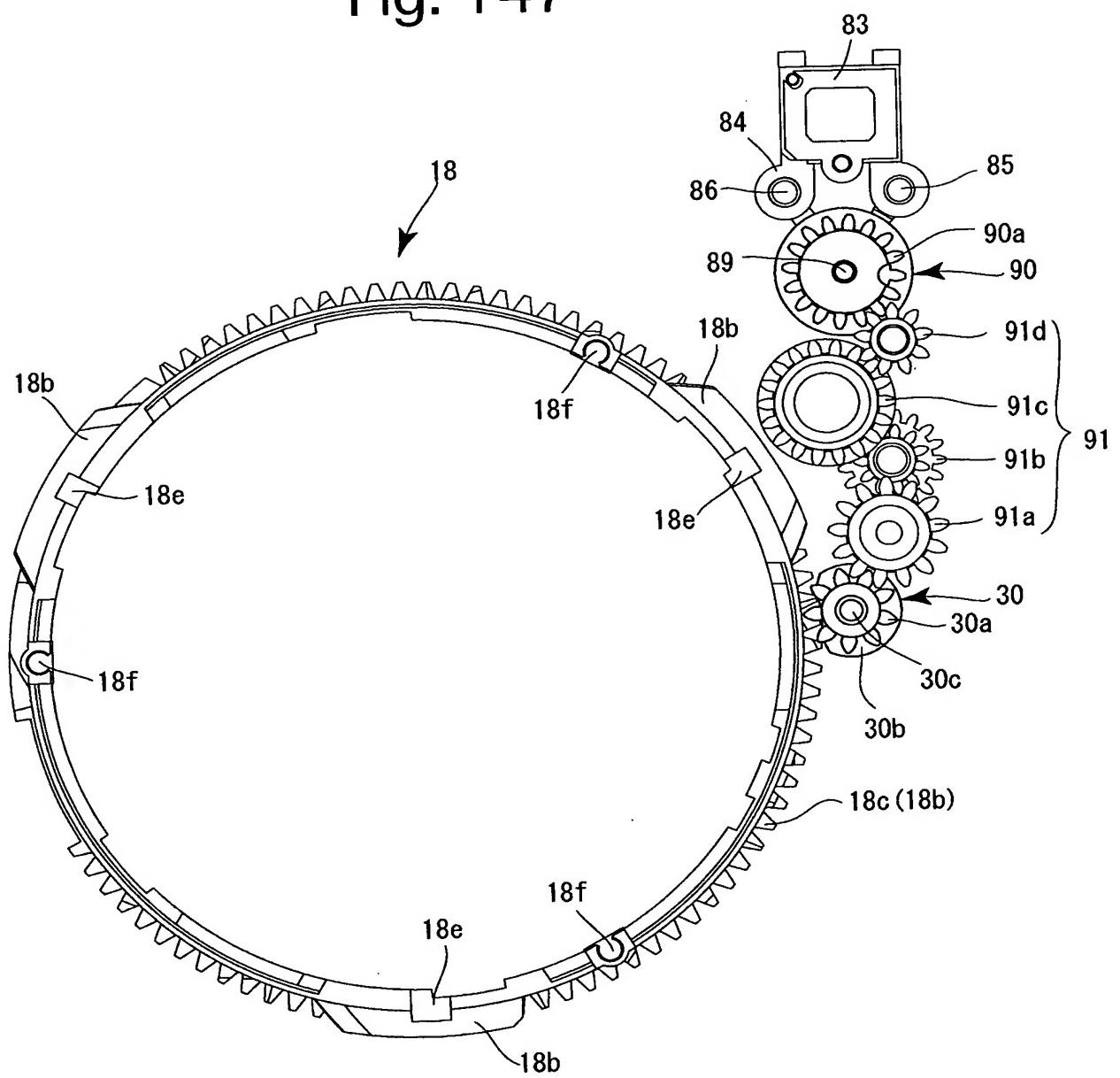


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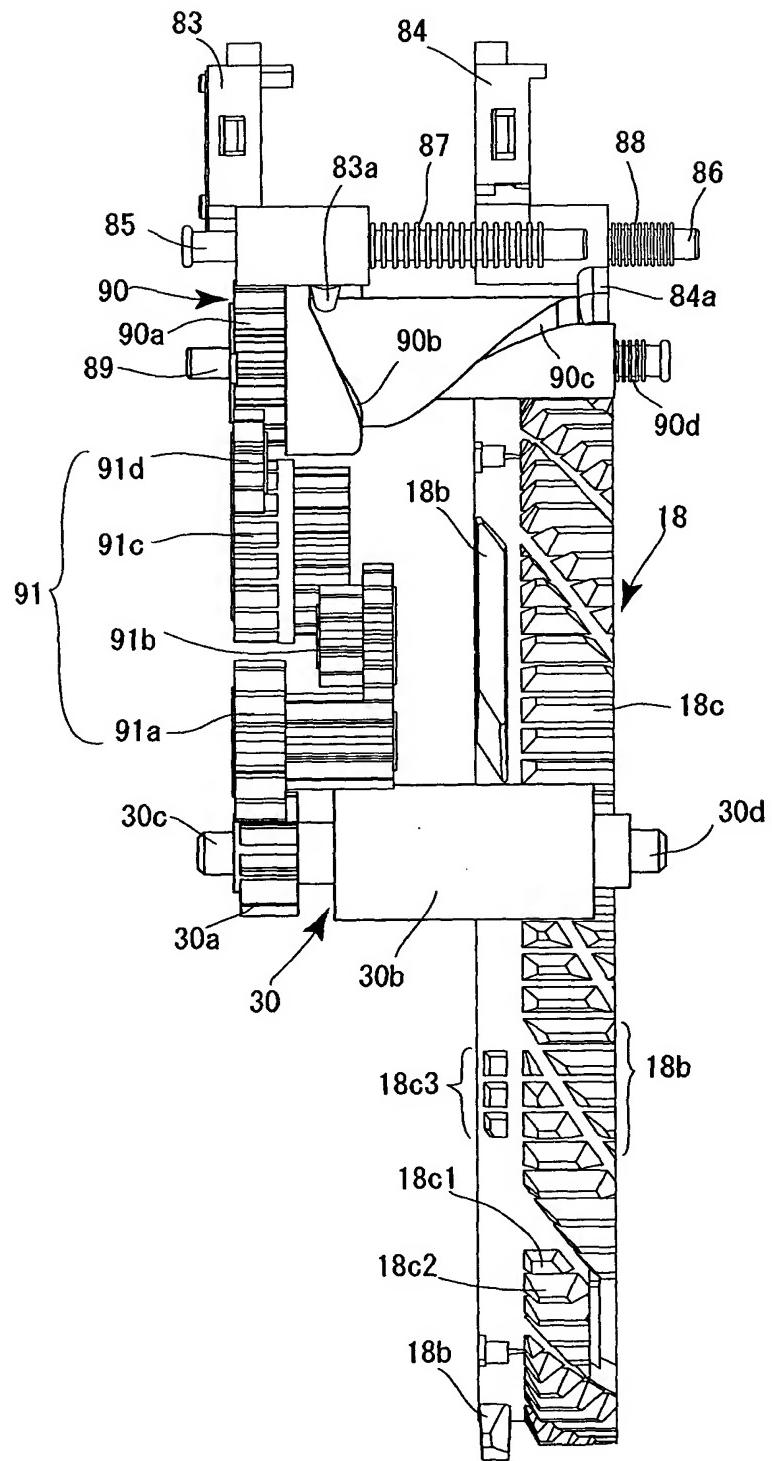


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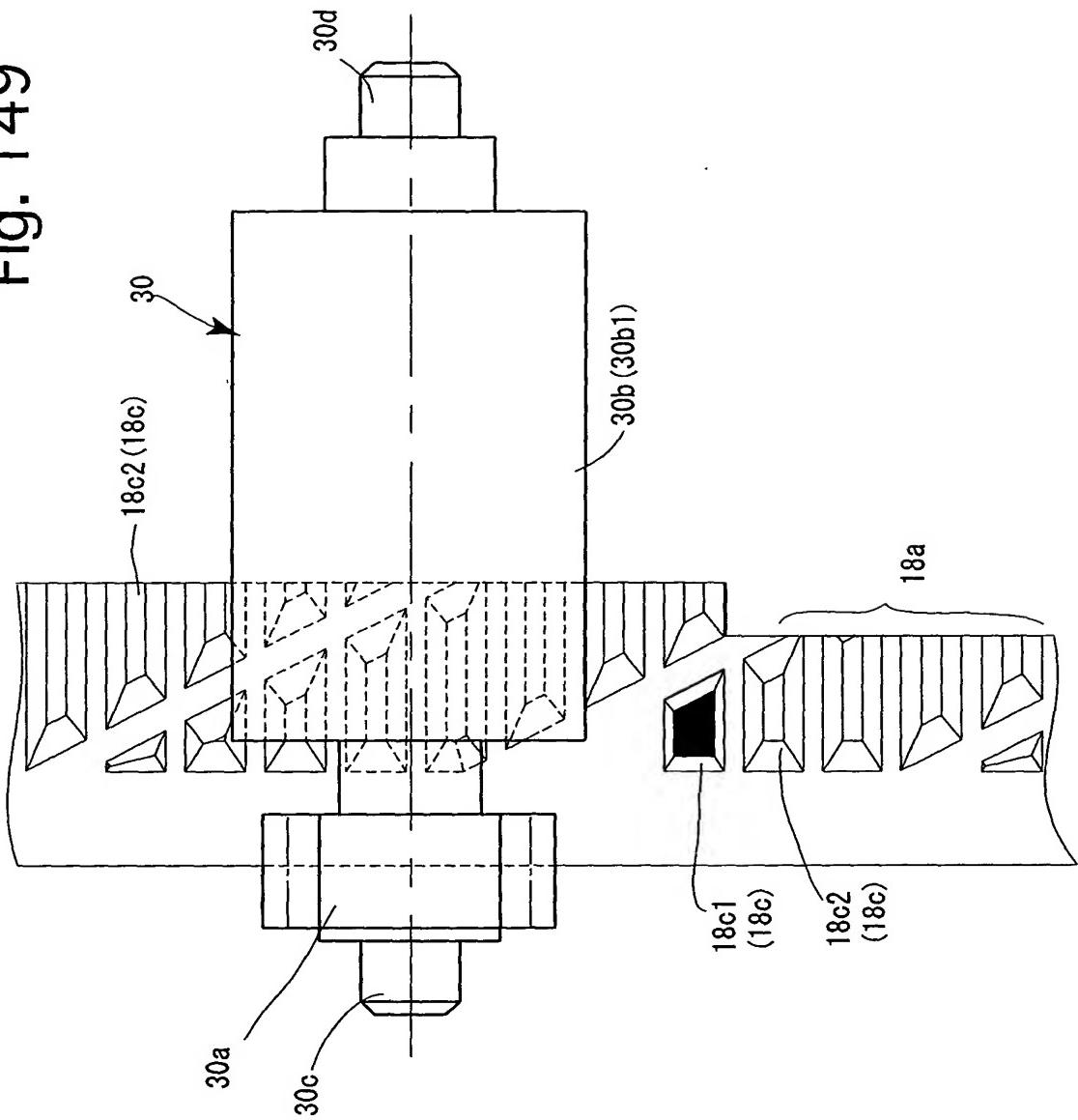


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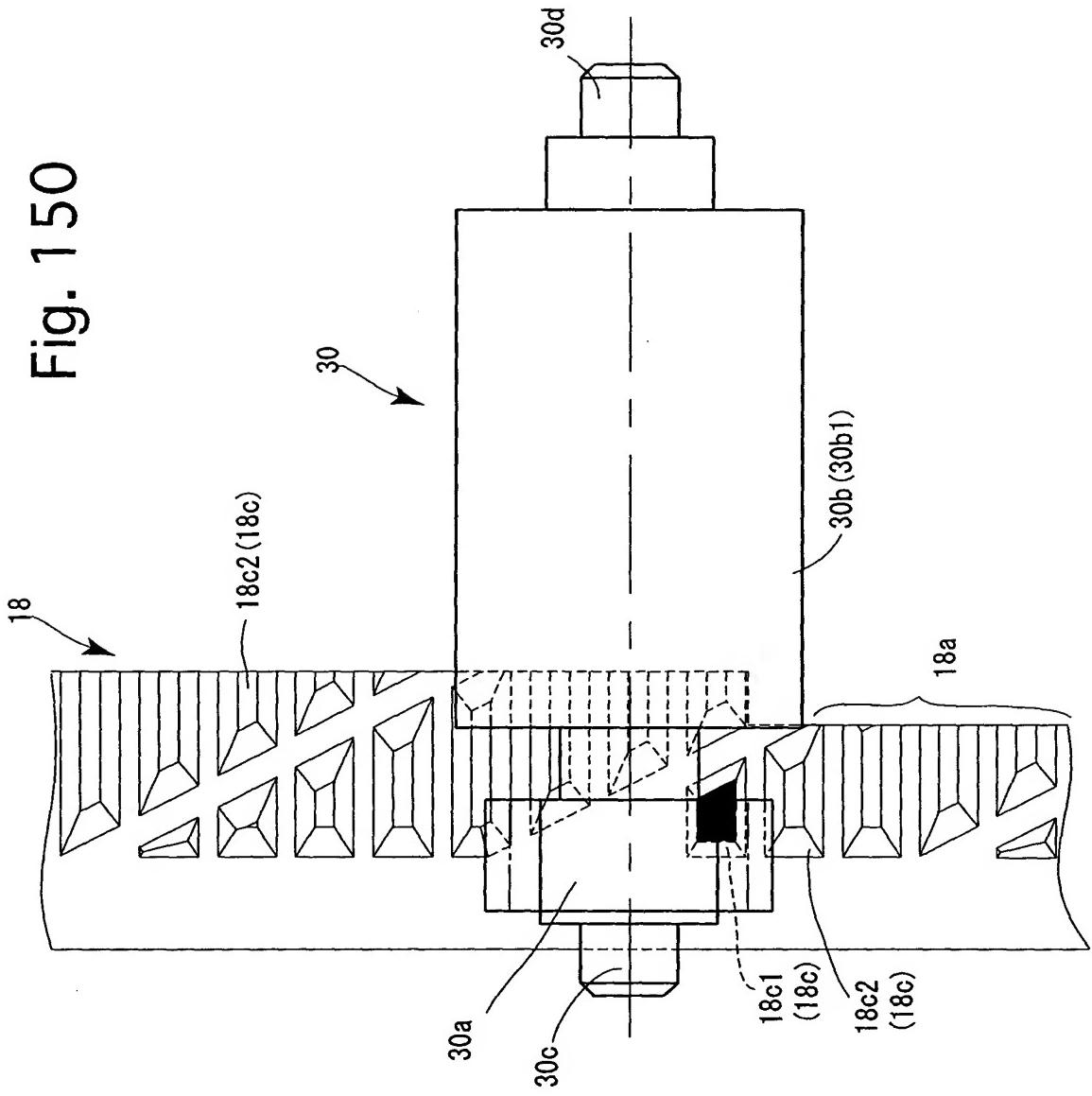


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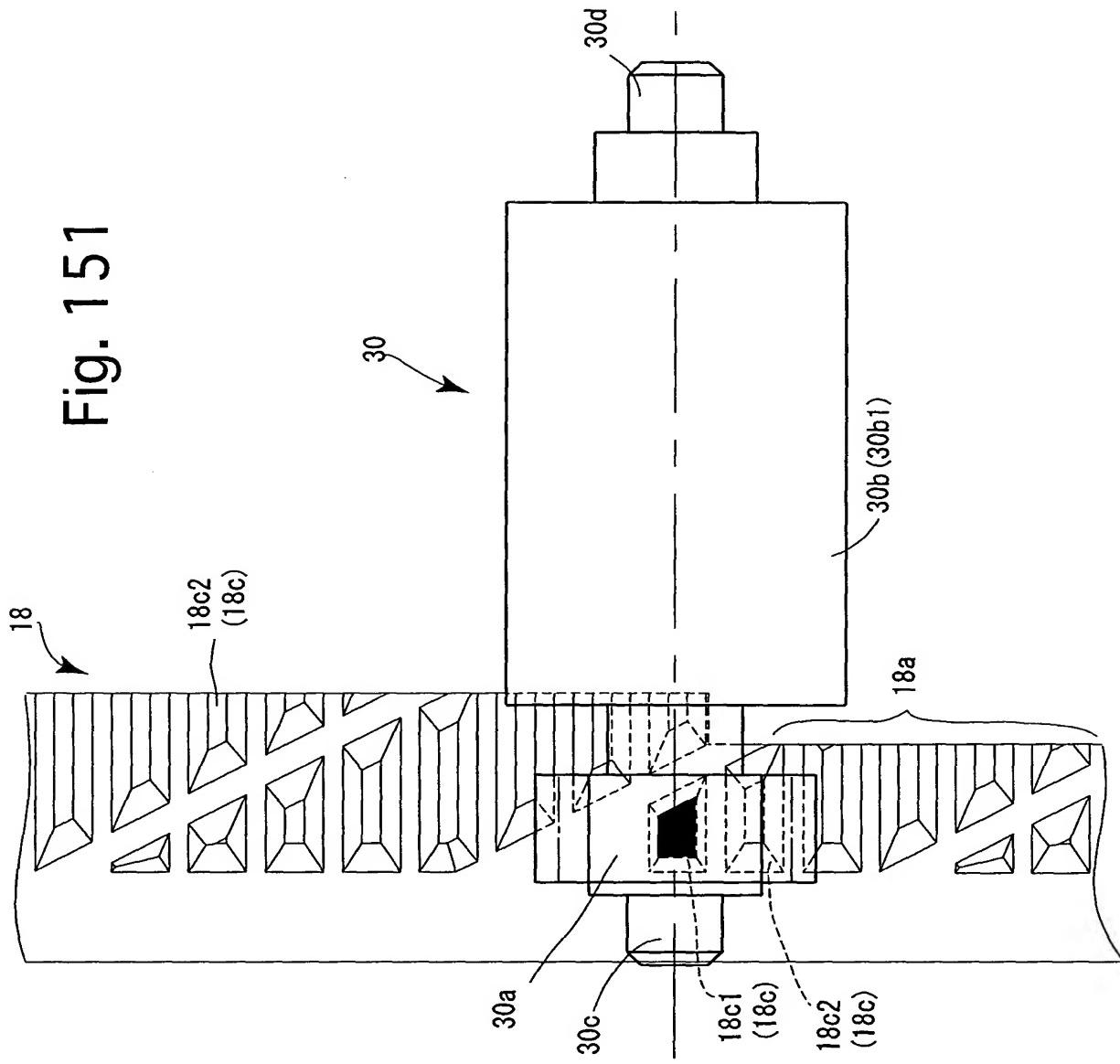


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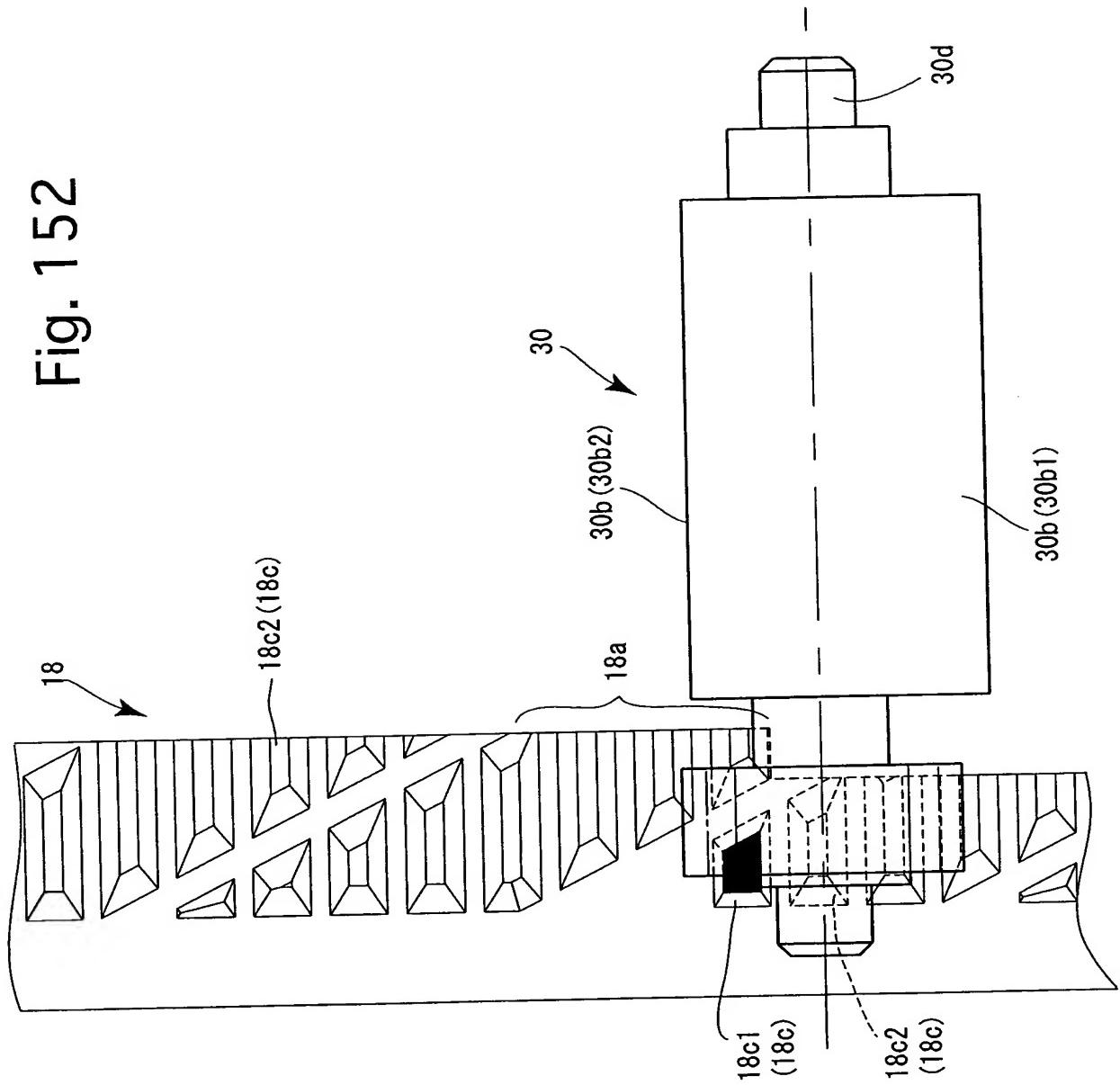


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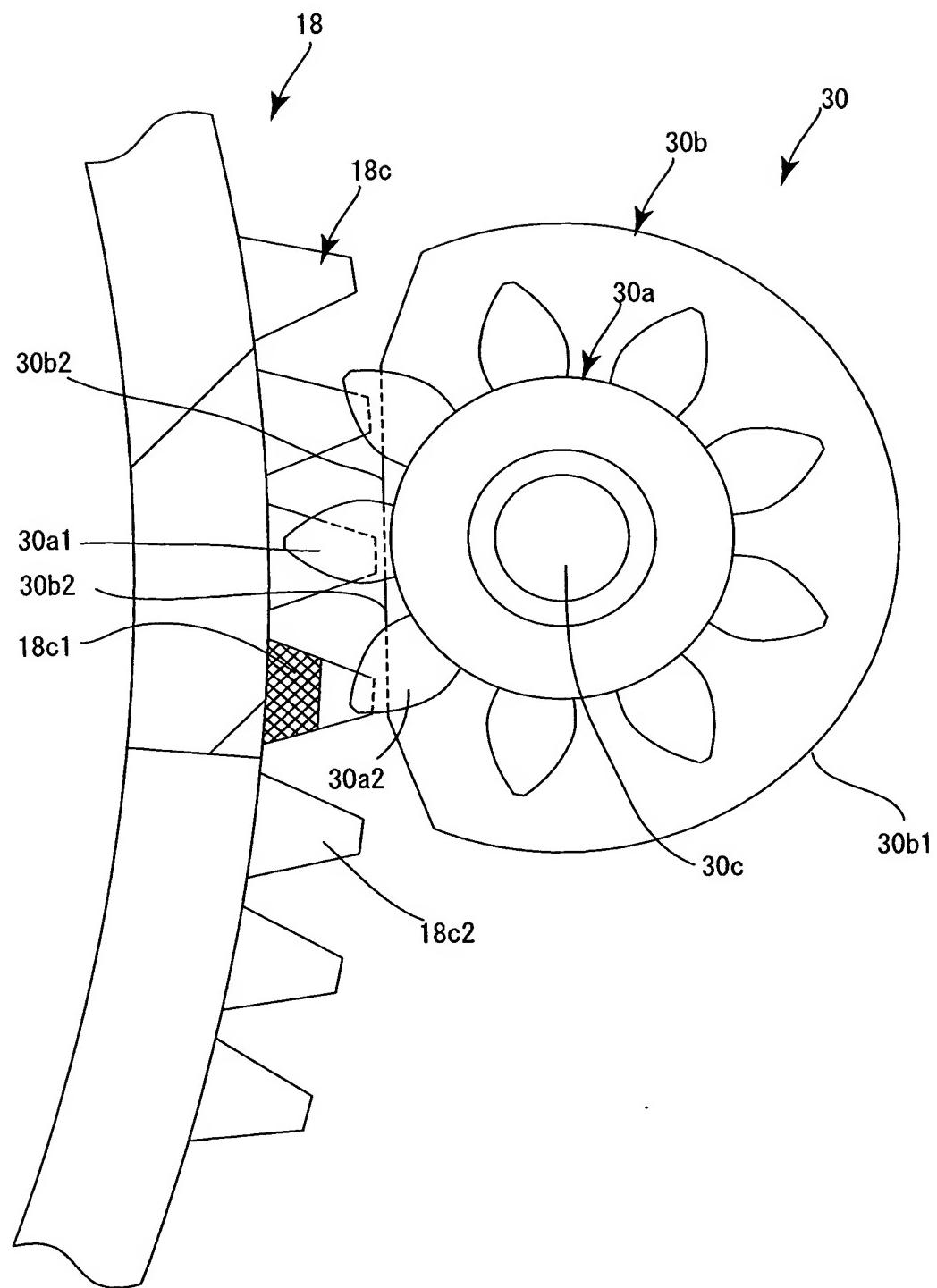


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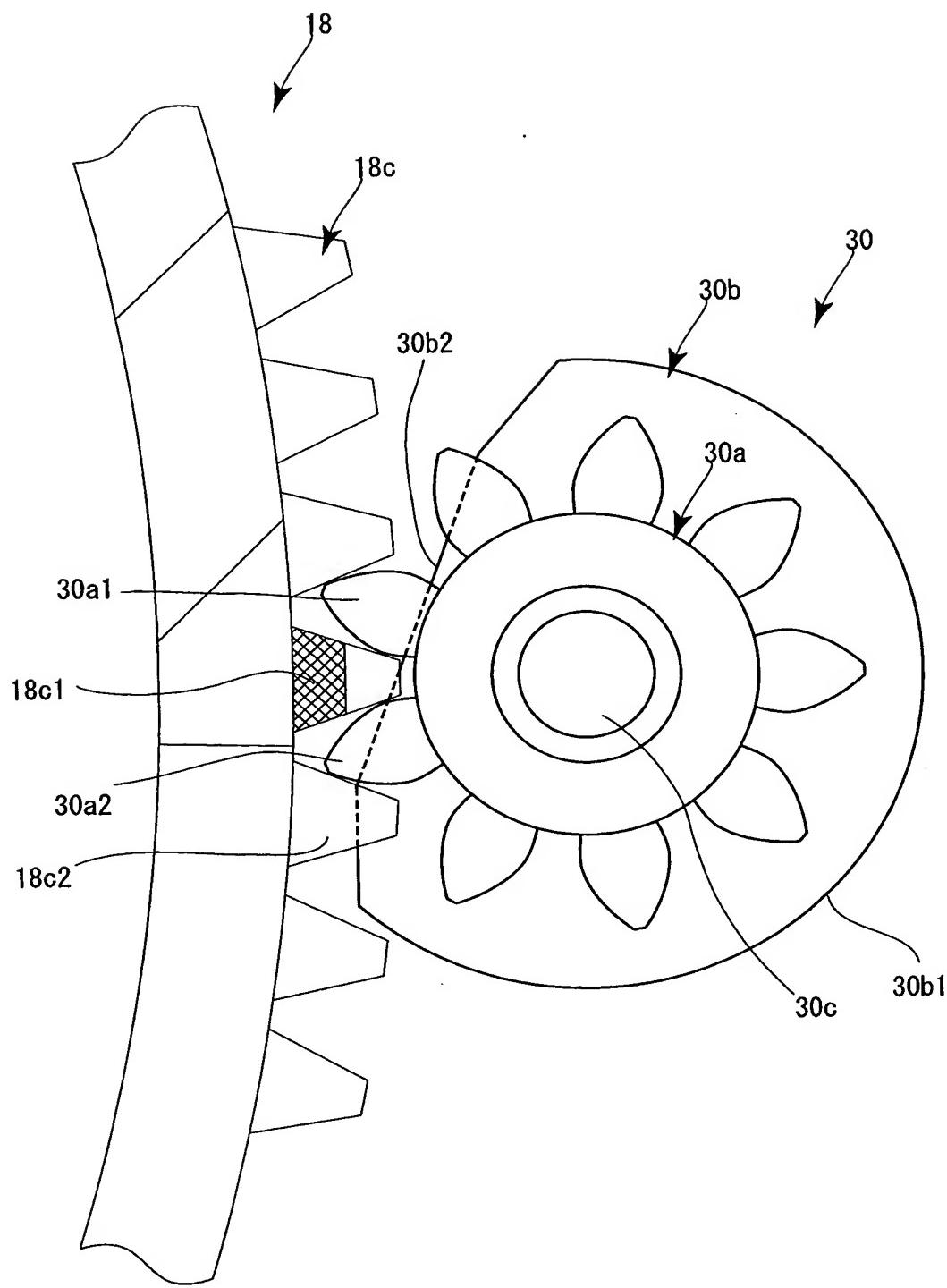


Fig. 155

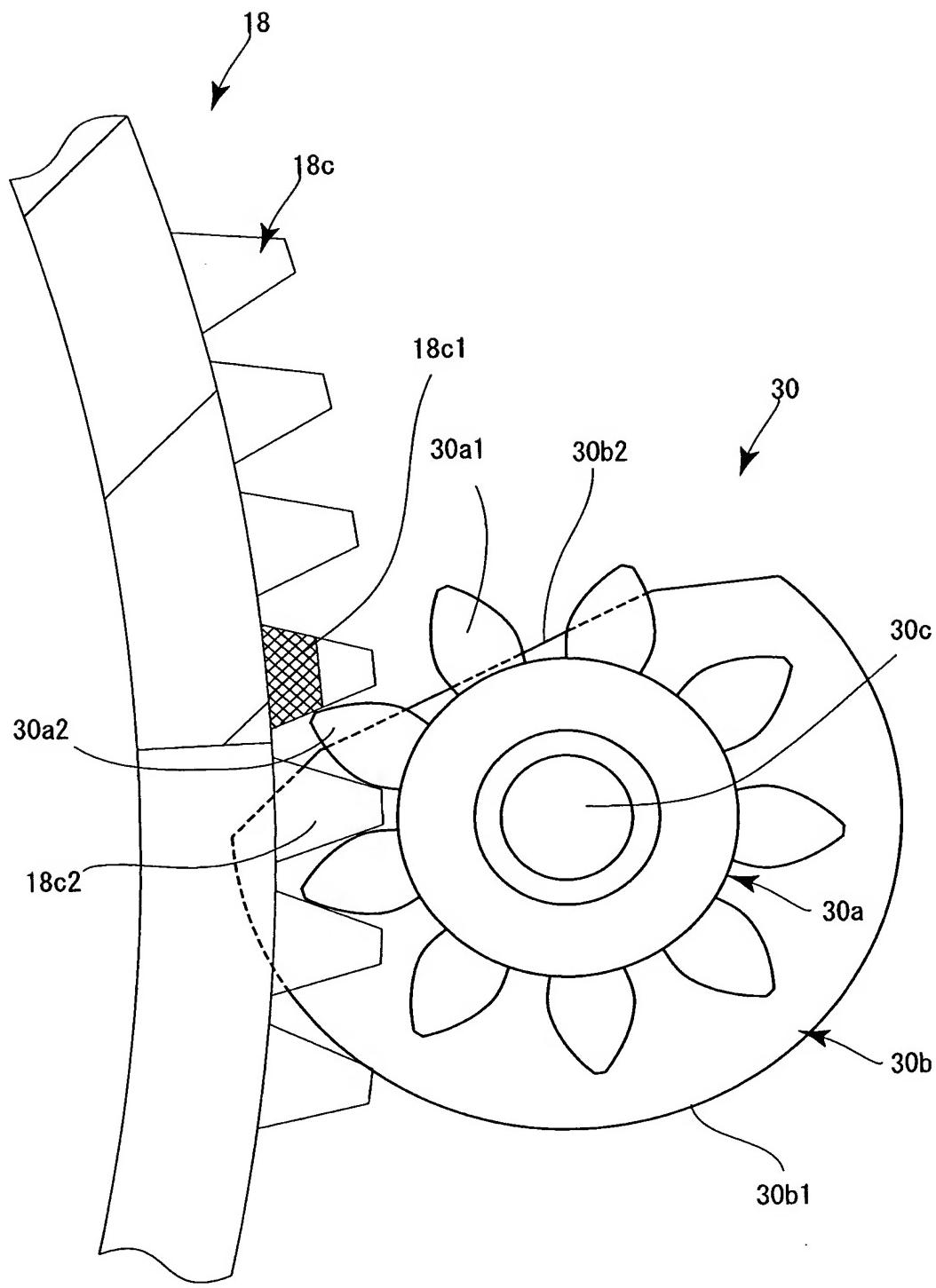


Fig. 156

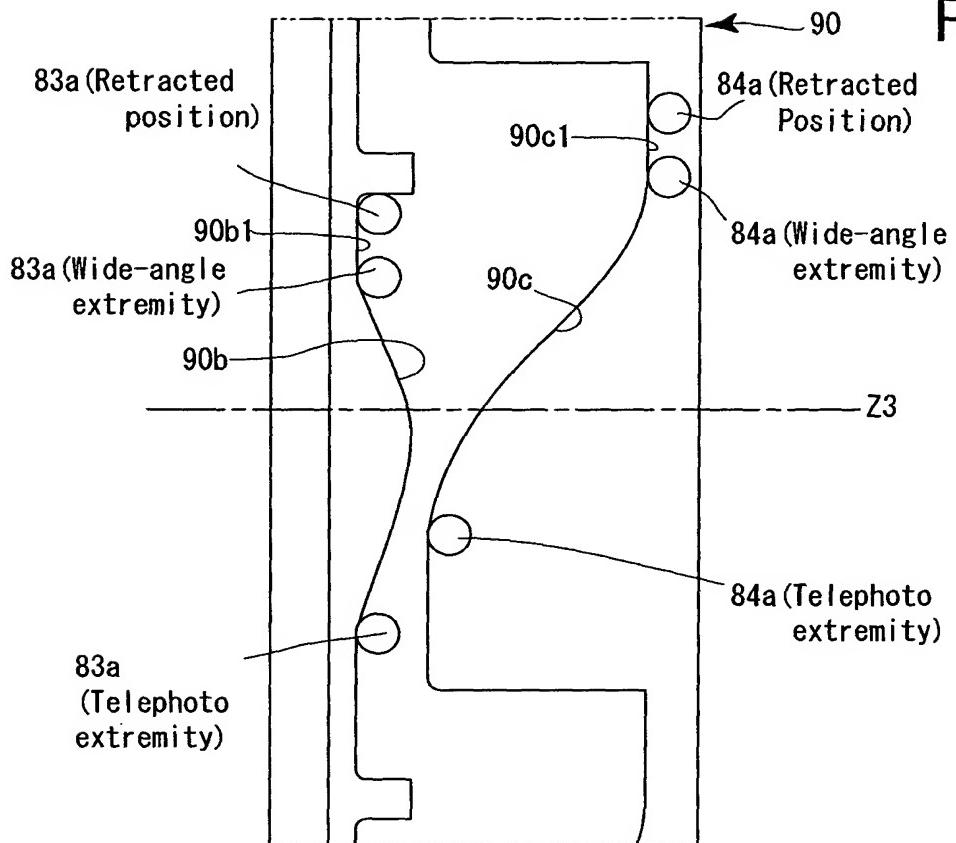


Fig. 157

